

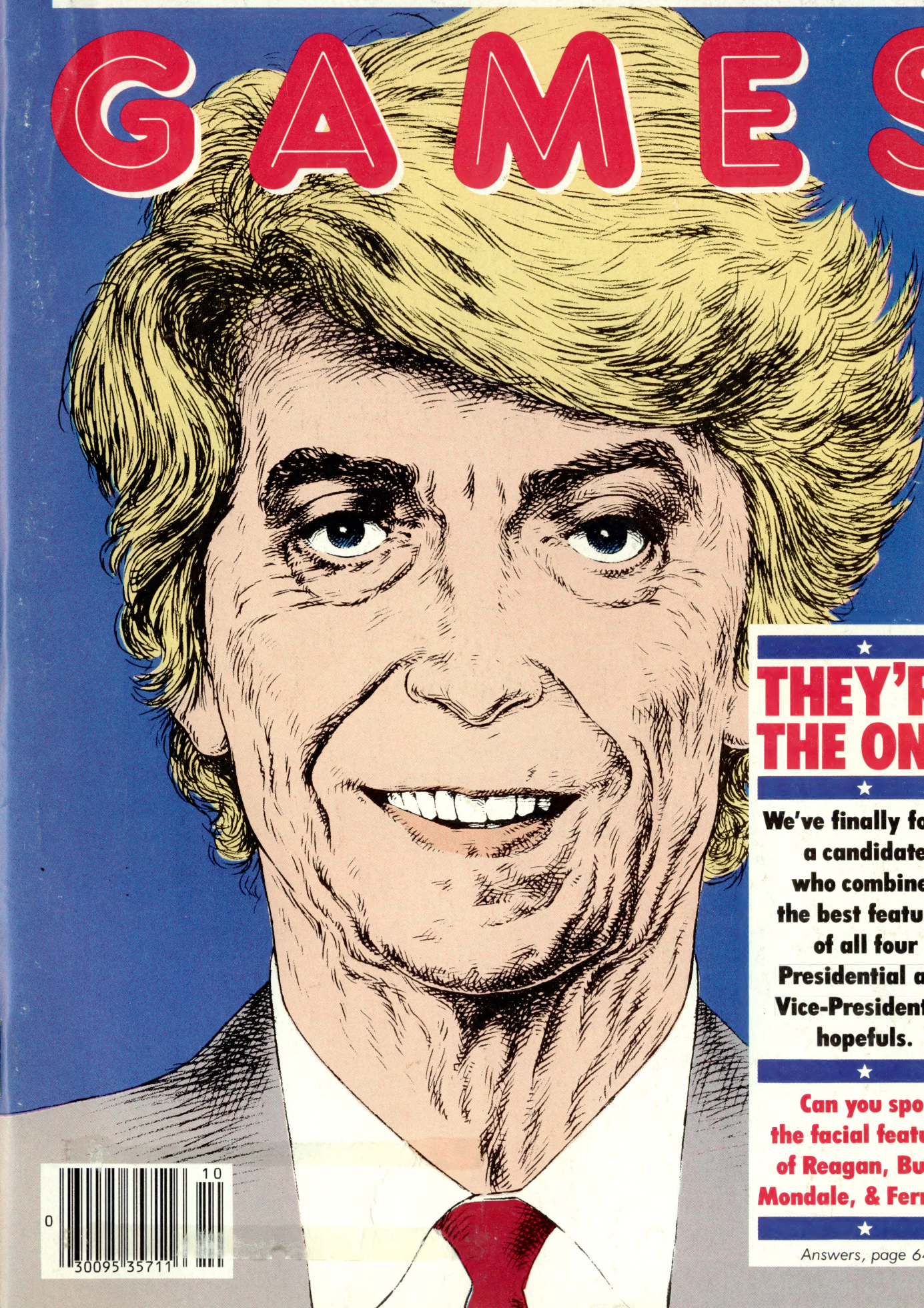
OCTOBER 1984

★ THE MAGAZINE OF THE PUZZLED PARTY ★

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GAMES



★
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THE ONE!**

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We've finally found
a candidate
who combines
the best features
of all four
Presidential and
Vice-Presidential
hopefuls.

★
Can you spot
the facial features
of Reagan, Bush,
Mondale, & Ferraro?

★
Answers, page 64



KING: 17 mg. "tar", 1.3 mg. nicotine, 100's: 17 mg. "tar",
1.4 mg. nicotine, av. per cigarette by FTC method.

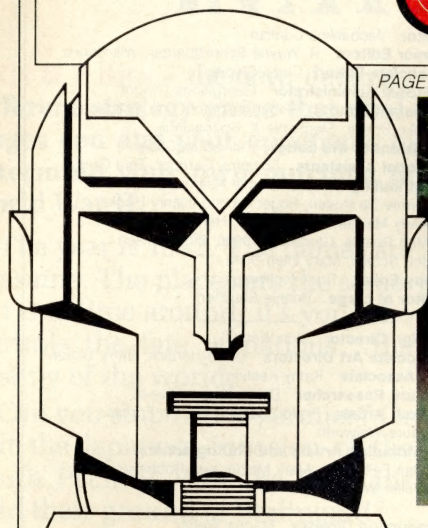
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*Share the spirit.
Share the refreshment.*

Warning: The Surgeon General Has Determined
That Cigarette Smoking Is Dangerous to Your Health.

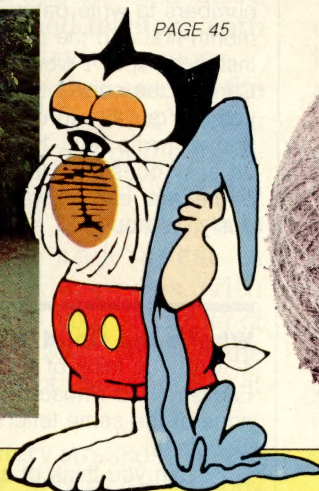




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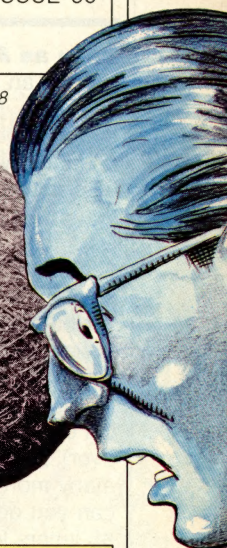


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Difficulty Rating

Smooth Sailing ★

Uphill Climb ★★

Proceed at Your Own Risk ★★★

Mixed Bag ★★

Cover Puzzle Created and Illustrated by Oliver Williams

Edited by Burt Hochberg

Easy as ABC? ★★

Here is an alphabetical puzzle in two parts. First, use all the letters of the alphabet in order in a list of common words, keeping your list as short as possible. For example, you could use A and B in order in LAMB; or A, B, and C in CARBOLIC. Can you use all 26 letters in order in just seven words?

Now try forming words with all 26 letters in order, as above, but with as few extra letters as possible. For example, LAB (with the L left over), then COD (with the O left over), etc. This time you may use many more than seven words; but can you do it with a maximum of 15 letters left over?

M. E. Grogan
New York, NY

An Odd Puzzle ★

What is the arithmetical average of the first one million odd numbers?

Ken Fischer
Louisville, KY

Ambiguous Dates ★

The American convention of using numbers to write dates is to give the month first and the date second. For instance, April 1 would be 4/1. In Canada the convention is just the reverse: Your 4/1 to us is January 4, and we write April 1 as 1/4. Here's an easy question: How many dates of the year can be written ambiguously, as above?

I. J. Shapiro
Willowdale, Ontario

What's the Good Word? ★★

1. Can you think of a fairly common English word whose plural contains none of the same letters as the singular?

2. Can you think of a common seven-letter word whose first, fourth, and seventh letters are the same, whose second and fifth letters are the same, and whose third and sixth letters are the same?

Joshua T. Kätz
New York, NY

What a Racket ★★★

When two tennis clubs opened in the same town in the same year, they naturally became enthusiastic rivals. They decided to hold a singles tournament, but since neither club would play on the other club's courts, they agreed to use "neutral" courts in another town. The regulations of the tournament were:

1. Four players from each club participated.
2. Four courts were available for a total of two hours for the entire tournament.
3. Sets were limited to 30 minutes each.
4. Each player played one set against each player from the rival club.
5. Each player played one set on each of the four courts.

Using the letters A-D for the players from one club and the numbers 1-4 for the players from the other, can you fill in the grid at right to indicate the pairings for each round of the tournament?

Tim Beaudry
North Hollywood, CA

Courts

Round 1

Round 2

Round 3

Round 4

Answer Drawer, page 58

GAMES

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You plan your attack, then move into the established territory with your realistic playing pieces...



then resolve the conflict with a roll of the dice.

You may also buy armaments and invest in weapons with your stockpile of production certificates, because the economic destiny of your nation is at stake as well.

A sharp military strategist, a prudent economist, and an astute politician will lead his nation to victory.

It's the kind of exciting adventure game you've been waiting for.

Axis & Allies offers you thought-provoking, yet fast moving game play.

You resolve conflicts with clear, concise charts that outline all possible dice combinations needed for attacking and defending.

You get a large, 33" x 19½" game board and a realistic combat force of 299 pieces! 50 tanks, 75 infantrymen, 15 bombers, 50 fighter planes, 10 aircraft carriers, 30 transport ships, 30 submarines, 15 battleships, 12 anti-aircraft guns, 12 industrial complexes.



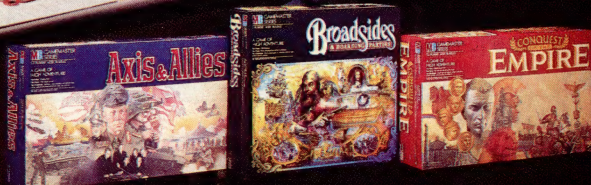
Move your victorious troops into the territories they have conquered...and be prepared to spend hours—even days—of unparalleled excitement as you change the course of history!

Axis & Allies

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MB GAMEMASTER
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LETTERS

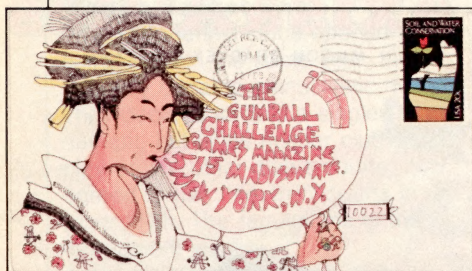
Envelopes of the Month



Chris Coombs
West Palm Beach, FL



B. Jordan Straker
N. Vancouver, British Columbia



Gary Brickel
Redondo Beach, CA



S. Schwartz
Boulder, CO

Gumprints

Inspired by your Gumball Challenge (March cover), the students in my Sophomore Honors Algebra 2 class wrote a computer program, generated a complete printout of every possible arrangement of the letters, and researched the entire list in *Webster's Third* (unabridged) to narrow down the list to acceptable words. I want to thank you

for providing a means to put permutation theory to use, to stimulate library research, to build vocabulary, and to add enjoyment and incentive to a long-range assignment.

Robert J. Whirl
Bethlehem, PA

The long-awaited results of the "Gumball" challenge appear on page 52.—Ed.

Dear Mr. Ford

In "The Great American Car Quiz" (August, page 22), reference was made to a letter that John Dillinger sent to Henry Ford on the fine performance of the Ford as a get-away car. Well, Clyde Barrow, of Bonnie and Clyde fame, also wrote Ford and had this to say on the matter:

While I still have got breath in my lungs, I will tell you what a dandy car you make. I have drove Fords exclusively when I could get away with one. For sustained speed and freedom from trouble the Ford has got every other car skinned and even if my business hasn't been strictly legal it don't hurt anything to tell you what a fine car you have got.

R. W. Voigt
Fort Davis, TX

LAUNDRY

If a reader finds a significant error of fact or a mistake that affects the play of a game, and we agree the slip needs to be laundered, we'll print the first or best letter and send the writer a GAMES T-shirt.

Mistakes: August

★ "3-D Crossword" (Your Move, page 2) gives "Big clock" as a clue for BEN. Ben is the clock's bell, not the clock itself.

Leroy Schmoke
Detroit, MI

★ The answers to "Table for Six" (Logic, page 10) were given counterclockwise, not clockwise, as stated in the Answer Drawer.

Richard Fitzgerald
Kennett Square, PA

★ My horse almost dropped his bit when he read in "The Great American Car Quiz" (page 22) that a Cadillac Coupe de Ville weighs as much as 14 of his kind—that's more than 15,000 pounds. The equivalent of four horses would be more like it.

Glen E. Thompson
Troutville, VA

The correct answer for advertising slogan #4 in "Fill'er Up" isn't Plymouth—it's GM that's got the "mark of excellence."

Dan Bennett
Festus, MO

Ahead of Our Time

I enjoyed seeing the illogical progressions in the "Choplogic" contest results (August, page 54). As usual, though, the August issue arrived in June, and I've composed this piece of choplogic to explain why:

1. Most games require a board.
2. If you're bored, you have nothing to do.
3. If you have nothing to do, you're ahead of schedule.

THEREFORE, GAMES ALWAYS ARRIVES
AHEAD OF SCHEDULE.

Randall Rose
Plainview, NY

Ms.-Informed

The "Science Twisters" quiz (June, page 44) was great, but those of us scoring 14 or better were rated "Mr. Natural." As a courtesy to science-minded women everywhere, may I suggest that you unsex your rating system in the future?

Melissa Markell
Eagle River, AK

Before I could touch the July issue, I had to do three loads of laundry, make lunch, clean bathrooms, mend jeans, make dinner, supervise homework, and fend off two door-to-door salesmen. Upon returning to the issue, I spotted the list of oxymorons in Wild Cards (page 58)—phrases formed by combining seemingly contradictory terms, such as "jumbo shrimp." Thanks for including "nonworking mother" in the bunch!

Pat Freese
El Cajon, CA

★ Jimmy Cagney nailed Mae Clark with a grapefruit in *Public Enemy*, not in *White Heat*, as stated in "Dinner Roles" (Wild Cards, page 57).

Diane Lapsley
Flanders, NJ

★ United, not Pan Am, is the official Olympics airline ("The Official Quiz of the 1984 Olympics," Wild Cards, page 57).

Rod Harl
Ames, IA

★ None of the states listed among the choices in "On the Waterfront" (Wild Cards, page 57) has the longest shoreline in the U.S.—Alaska's is the longest of all, Louisiana's the longest in the Lower 48.

William F. Barnett
Jacksonville, FL

July

★ Hard Clue 97-Across in the Ornerly Crossword (page 41) should have been changed from "Nathan Detroit's lady" to "Sky Masterson's lady," since it is Sky who sings the *Guys and Dolls* hit "Luck Be a Lady," to which the answer LUCK refers.

Susan Cutrofello
Great Neck, NY

★ The diagram of a badminton court in "Court Appearances" (page 44) is missing the center line, which divides each end of the court into right and left service courts.

Annette M. Neighbarger
Mount Vernon, OH

EVENTS

If you plan to attend any of these events, write or call to check entry fees, dates, sites, eligibility, etc. Include a stamped, self-addressed envelope with your request. If you know of other events suitable for this column, write to Events, c/o GAMES.

Ballooning The 13th Annual Albuquerque International Balloon Fiesta will be held October 6-14, in New Mexico. A 1985 Pontiac goes to the winner of the key-grab (pilots try to pluck a key from a tall pole), and other precision events are planned for 650 competitors. Entry deadline is September 1; fee is \$75, plus a refundable \$15 for I.D. banner. Contact: Balloon Fiesta, 3300 Princeton N.E., Suite 24, Albuquerque, NM 87107, or call (505) 883-0932.

Card Exhibition The Lost in the Shuffle Card Exhibition, presenting cards and board games from four centuries, is on view at the New-York Historical Society through November 17. Nearly 100 decks and games from Europe and America are on exhibit, most for the first time, and several decks are one of a kind. Contact: The New-York Historical Society, 170 Central Park West, New York, NY 10024.

Computers Two events are coming up for creative hackers:

- Musical compositions created using the Entech "Studio 64" program on a Commodore 64 may be submitted to the Entech Computer Song Writing Contest through December 1. Winners will be chosen by a panel of music industry professionals. First prize is \$1,000 and use of a recording studio and staff; second prize is \$500 and studio time; third prize is studio time. Contact: Computer Song Writing Contest, Box 881, Sun Valley, CA 91353.

- At the Third Annual Pacific Northwest Computer Graphics Conference, October 29-30, in Eugene, Oregon, the innovative use of computers in fine arts, architecture, landscaping, manufacturing, aviation, and other fields will be explored. Fee is \$60 before October 10; \$70 afterward. Contact: University of Oregon Continuation Center, 333 Oregon Hall, Eugene, OR 97403.

Kites New York's Central Park will be the site for the Annual Go Fly a Kite Jamboree, on September 30. Trophies will be awarded for the largest, smallest, most beautiful, and highest flown kites. Contact: David Klein, Go Fly a Kite, 153 E. 53rd St., New York, NY 10022, or call (212) 308-1666.

Trivia Tournament Trivia buffs will strut their stuff at the Isaac Asimov Super Quiz Trivia Tournament, October 20 in New York. Teams of four may enter (\$200 per team from profit-making organizations, \$100 per team if nonprofit) and seek sponsors to pledge money for questions they answer correctly. Proceeds will be donated to the Visiting Nurse Service of New York. Trophies, games, and trips are the lures for those who raise the most money. Contact: Andrea Brown, Visiting Nurse Service of New York, 107 East 70th St., New York, NY 10021.

ANNOUNCING



The \$1984 Great Maltese CIRCUMGLOBAL TROPHY DASH

CASCADE

\$1984 cash first prize, on the grandest quest in the world, the fifth annual competitive circling of the globe. At your kitchen table. On maps.

More than 3000 people set out on last year's competition. At the end, we asked them if they expected to be back this year. 95% of their answers were YES.

- **Your concept is fantastic!**
- **The wordplay was terrific!**
- **The bright spot in my years of puzzling.**

On September 30 (deadline for later entries: October 31) we'll send you all of the maps and instructions for your quest, along highways and bush tracks, over mountains, across the seven seas, through Europe and Asia and finally homeward across the Pacific. Having circumnavigated, send us your score sheet, which will show how well you've evaded the bushwhackers and snares.

The entry fee is \$19.84 for a single entry, or \$19.48 each for two or more — invite a friend.

The prize: \$1984 cash for first place, plus laser engraved walnut plaques for circumnavigators in the top 10%, and jigsaw puzzles of the course for all other finishers.

An amazing quest — with a money-back guarantee — and you don't have to leave home. Join us.

- **I had more fun than you can possibly imagine.**

The Trophy Dash
P.O. Box 53 • La Canada, Calif. 91011

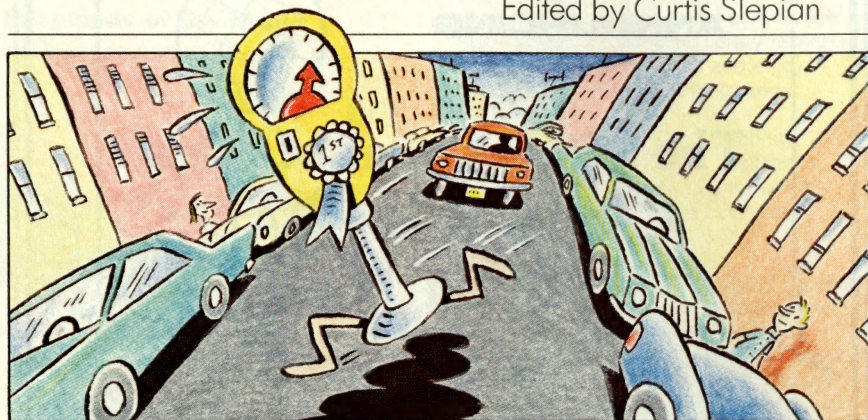
Entry fee payable to 'Trophy Dash': \$19.84 for one, or \$19.48 each for two or more. (If entering in Canadian funds, please add \$6 each.)

name _____
address _____
city _____ state _____ zip _____

G A M E B I T S

Edited by Curtis Slepian

ILLUSTRATION BY MICHAEL BARTALOS



County Fair with Urban Flair

In Baghdad-by-the-Bay they do it differently. When, last summer, the city of San Francisco held its third annual county fair (the city and county of San Francisco are pretty much the same), it had a decidedly urban twist.

Oh, sure, there were arts-and-crafts displays, carnival rides, jugglers, mimes, and musicians. But stealing the show were the Slices of Sophisticated Urban Life. Take the food booths, for example. Instead of hot dogs and cotton candy, a hundred of San Francisco's best restaurants offered the likes of fresh oysters, pasta al pesto, and vegetarian pitas. Instead of a cake bake-off, there was a kugal cook-off. Instead of a homemade beer competition, there was a cappuccino judging. And instead of a hog-calling contest, there was a fog-calling contest. In this air-raising event, 25 contestants blew out their best impressions of a foghorn, some holding the dulcet note for a couple of minutes. The winner was a sonorous teenager with a fog in his throat, who declared "I'm good at groaning."

Replacing the traditional wheelbarrow race was the Financial District Strut. In this ridiculous relay, 20 teams of businesswomen, outfitted in business suits and running shoes, toted their briefcases and passed batons—actually rolled up issues of *The New York Times*—through the city streets during rush hour.

Finding a parking place in San Francisco is no joke—except during the Impossible Parking Space Race.

The object: Find a legal parking space in four of the city's most congested areas. Some two dozen dirty drivers, with actual meter maids riding shotgun, raced Volvos, Volkswagens, BMWs, and one Dodge held together with Band-Aids, but always within the speed limits. The winner, a chain-smoking salesman for a local sausage factory, held up his trophy—a parking meter—and shouted, "The mayor ought to give me the keys to the city . . . the car keys." His advice to space-seekers: "Keep your eyes open and stay in the center lane."

The event with the most prepublicity was the landlord-tenant tug-of-war between real-life antagonists in the city's ongoing rent control battle. The captain of the tenants told the press, "We've demonstrated our muscle at City Hall. We'll show those slum landlords who has pull in this town." Replied the captain of the landlords, "The tenants have had landlords tied up in knots for years. This tug-of-war gives us the chance to straighten things out."

At the final showdown, 60 cans of shaving cream—they couldn't find enough mud—were emptied to separate the two teams. The gun banged, the flag fell, and less than a minute later the landlords won, hands down. Admitted one of the renters, "We're at the end of our rope."

As the fair closed, dozens of volunteers spelled out a "We Love San Francisco" salute the way Rose Bowl spectators hold up cards, each one forming part of a letter. This being San Francisco, the words were spelled out not by cards, but by 5,000 colored cupcakes.

—Michael Caleb Lester

Reflected Glory

"Oh wad some power the giftie gie us to see oursels as others see us!"

—Robert Burns

It's taken nearly two centuries, but bonnie Bob Burns's wish has finally come true. With the new Positive-Dimensional mirror, you *can* see yourself as others see you.

Thanks to its specially arranged mirrors, this modern miracle reflects an image clearer and more three-dimensional than that of normal mirrors. Moreover, that dimple on the right side of your face will, in the P-D mirror, appear on the *left* side of your face, as if you were standing in front of yourself looking at your own visage.

At first glance, viewing yourself in this mirror can be disillusioning—something like hearing your voice on tape for the first time. And using it to perform simple tasks can be disorienting (when you comb your hair to the left the image combs it to the right). But for dentists, speech therapists, and even artists working on self-portraits, it's a boon.

The rest of us, though, might want to think twice before gazing into the Positive-Dimensional mirror and asking it "Who's the fairest of them all?" This mirror doesn't lie.

The brave can buy a Positive-Dimensional mirror (\$100), from RML Professional Systems, P.O. Box 7029, Wilton, CT 06897. —Adrianne Burgi

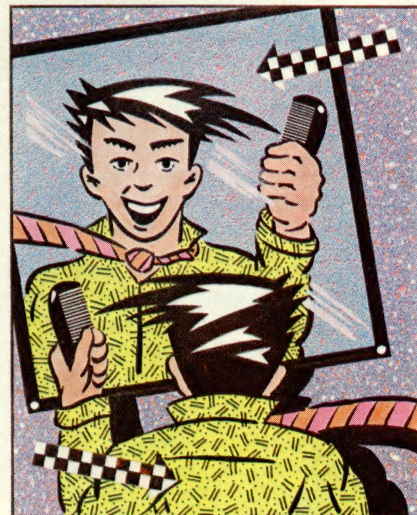


ILLUSTRATION BY CHRIS SOLMAR



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See the high-performance X-700 at your Minolta dealer. Explore the possibilities.



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In Hot Pursuit

With a million sets on the market, Trivial Pursuit, as everyone in North America knows, is the hottest thing since (a) sliced bread or (b) Rubik's Cube. And now, as international editions of the game are being prepared, the craze may spread worldwide.

"The press agent for King Juan Carlos is helping us with questions for Spain," said Chris Haney proudly. Haney is one of the two Canadian journalists who invented the game. "And in Italy, we've got the bureau chief of the Associated Press." What about the Soviet Union? Haney smiled. "Who knows? We've already gotten feelers from Yugoslavia."

With the game on the verge of becoming a global phenomenon and with such spin-offs as Super Quiz, Entertainment Tonight, and Trivia Adventure flooding the stores, I wondered if Haney felt his success was all a dream come true.

"It sure is," he said. Just two years ago, he continued, he was so poor that his wife had to sell old pop bottles from her parents' garage to get grocery money. Today, he and his co-inventor, Scott Abbott—as well as their two principal investors, Haney's brother, John, and his lawyer, Edward Warner—are making about a million dollars a month.

But none of them seem to be enjoying their new wealth. "It's funny," Haney acknowledged. "We're really not having fun—we just do not have the time. I've bought a new house, at least, but Scott hasn't bought anything. We have to keep working on those damned questions all the time. We've already got 24,000 of them."

What kinds of questions are they working on? Haney obligingly turned

on his tape recorder, which asked, "What U.S. state manufactures the most toothpicks?"¹ "What did Nikita Khrushchev raise high in his right hand while visiting a farm in Iowa in 1959?"² "What performer, who died in 1932 at the age of 16, had a son who went on to star in *Pride of the Legion*?"³

Haney beamed. "The questions we like best are the ones that are so difficult that practically nobody knows the answer—but then the answer itself is redeeming." Such as? "Such as 'Who signed Clark Gable's Army discharge?'"⁴ And my absolute favorite of all, "What did Otto Titzling invent?"⁵

I didn't know. But the obscurity of that last query led me to wonder if the Trivial Pursuers had ever made a mistake and supplied the wrong answer. "Oh sure," Haney said breezily. "But we always catch up with them as time goes on. So far the very worst we found is 'What is the name of Red Skelton's lovable hobo character?'"⁶

The 64-million-dollar question is whether Trivial Pursuit will last or will it be, like so many of the video games it has outsold, a flash in the pan? For an answer, I turned to a battle-scarred veteran of Trivial Pursuit, 14-year-old Elizabeth Healy, of Chappaqua, New York. Her answer was a resoundingly positive vote—but only so long as the game continues to supply such tormenting questions as "How many rows of whiskers does a cat have?"⁷ and "What bodily function can reach the breakneck speed of 200 m.p.h.?"⁸

However, she believes, people won't easily part with \$40 for the following type of trivia question, of which, she feels, there are far too many examples: "What are Texans told to remember?"⁹ and "What's the Big Apple?"¹⁰

"They're no fun at all," Miss Healy

told me sternly. "Everybody knows the answers to *those*—even my father." Do you? Check your trivia quotient for these and the other numbered questions in the Answer Drawer, page 58.

—Cleveland Amory

Hip Huggers

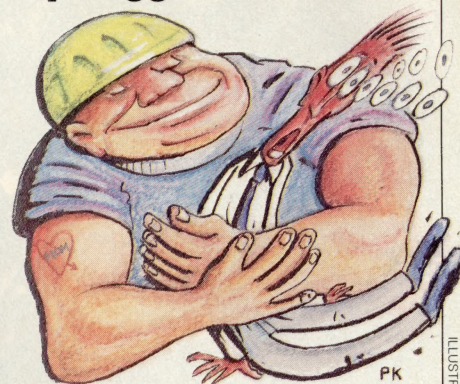


ILLUSTRATION BY PETER KUPER

The Pittsburgh Pirates aren't the only folks in Steel Town capable of pulling a good squeeze play. At least not since June 15 was designated International Hug Day.

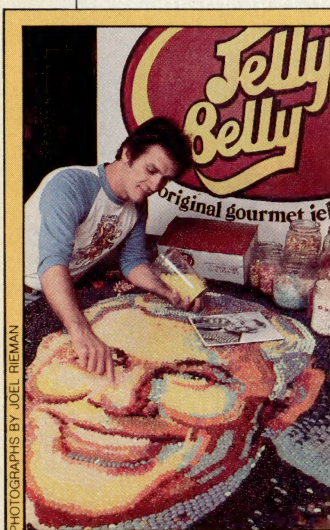
Last year on that date, Pittsburghers celebrated the third annual hug day with an orgy of affection: Perfect strangers at the Three Rivers Arts Festival in downtown Pittsburgh were observed hugging. Staffers at Allegheny General Hospital took to the streets, stopping cars and giving the drivers hugs. Children gathered in West Park for hug relay races.

Unmoved by the rampant sentiment was the Pittsburgh *Post-Gazette*, which warned its readers in an editorial to "Beware of the huggers." The next day a woman hugger stormed the paper's newsroom searching for the spoilsport editorial writer, who escaped unhugged.

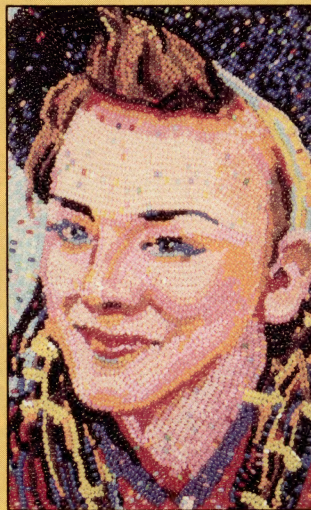
International Hug Day is the brainchild of John McKenzie, a 30-year-old fire inspector at Allegheny General and president of the International Hug Center. "The idea is to remind people that we're all connected," he explains. "A hug is a metaphor for that."

Each year, McKenzie announces his list of the world's 10 most huggable people. In case you missed it, the '84 huggables are Mother Teresa, Andrei Sakharov, Michael Jackson, Danny Kaye, Germany's Greens leader Petra Kelly, *Today* show weatherman Willard Scott, authors Richard Bach and Norman Cousins, humanist psychologist Virginia Sapir, and, finally, probably most huggable of all, Ling-Ling, resident panda at Washington's National Zoo.

—R. D.



PHOTOGRAPHS BY JOEL RIEMAN



How Sweet It Is

Inspired by Ronald Reagan's favorite candy, Peter Rocha has become the Michelangelo of jelly bean art. The San Franciscan (seen working on a portrait of Johnny Carson, far left) has fashioned jelly bean likenesses of such celebs as Boy George (left), Burt Reynolds, and Pope John Paul. A four-foot-square portrait takes two weeks to complete, contains nearly 10,000 jelly beans, and costs a sweet \$1,200.

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23

panel of stars who helped make the fifties great: Patti Page, Johnny Mathis, Jo Stafford, Frankie Laine, Connie Francis, Ray Anthony, Roger Williams and Les Paul.

The sounds of a momentous decade

Here are the *great vocalists* singing the great songs: Tony Bennett with "Rags to Riches," Jo Stafford with "You Belong to Me," Nat Cole crooning "Mona Lisa," Eddie Fisher with "Oh My Papa." Here are the *duos, trios and groups*: the Mills Brothers, Les Paul and Mary Ford, the Weavers, Bill Haley and the Comets. Here are the *great bands and orchestras*: Count Basie, Harry James, Ray Anthony, Gordon Jenkins and Mitch Miller.

And there are *rarities* too. The panel included hard-to-find recordings such as Bing Crosby and Grace Kelly singing "True Love" (the only record she ever made). The inimitable Louis Armstrong doing "Mack the Knife." And Jane Froman with her emotional rendition of "I'll Walk Alone."

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In Hot Pursuit

With a million sets on the market, Trivial Pursuit, as everyone in North America knows, is the hottest thing since (a) sliced bread or (b) Rubik's Cube. And now, as international editions of the game are being prepared, the craze may spread worldwide.

"The press agent for King Juan Carlos is helping us with questions for Spain," said Chris Haney proudly. Haney is one of the two Canadian journalists who invented the game. "And in Italy, we've got the bureau chief of the Associated Press." What about the Soviet Union? Haney smiled. "Who knows? We've already gotten feelers from Yugoslavia."

With the game on the verge of becoming a global phenomenon and with such spin-offs as Super Quiz, Entertainment Tonight, and Trivia Adventure flooding the stores, I wondered if Haney felt his success was all a dream come true.

"It sure is," he said. Just two years ago, he continued, he was so poor that his wife had to sell old pop bottles from her parents' garage to get grocery money. Today, he and his co-inventor, Scott Abbott—as well as their two principal investors, Haney's brother, John, and his lawyer, Edward Warner—are making about a million dollars a month.

But none of them seem to be enjoying their new wealth. "It's funny," Haney acknowledged. "We're really not having fun—we just do not have the time. I've bought a new house, at least, but Scott hasn't bought anything. We have to keep working on those damned questions all the time. We've already got 24,000 of them."

What kinds of questions are they working on? Haney obligingly turned

on his tape recorder, which asked, "What U.S. state manufactures the most toothpicks?"¹ "What did Nikita Khrushchev raise high in his right hand while visiting a farm in Iowa in 1959?"² "What performer, who died in 1932 at the age of 16, had a son who went on to star in *Pride of the Legion*?"³

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Hip Huggers



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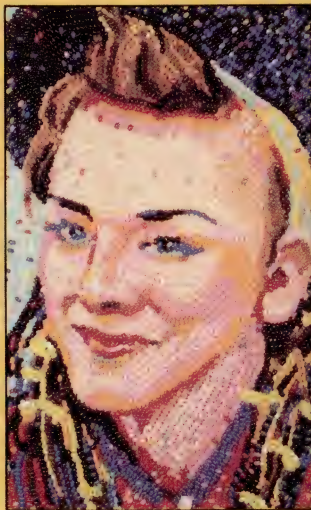
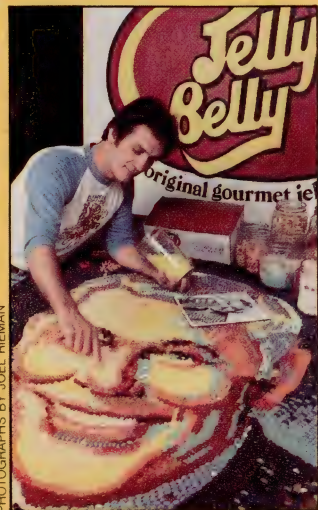
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Inspired by Ronald Reagan's favorite candy, Peter Rocha has become the Michelangelo of jelly bean art. The San Franciscan (seen working on a portrait of Johnny Carson, far left) has fashioned jelly bean likenesses of such celebs as Boy George (left), Burt Reynolds, and Pope John Paul. A four-foot-square portrait takes two weeks to complete, contains nearly 10,000 jelly beans, and costs a sweet \$1,200.



for hug relay races.

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On Broadway

Thanks to the advent of the electronic era, the ancient and honorable profession of matchmaking is sizzling these days. Among its practitioners, however, none can compare with Sherlock Shockten, founder and guiding guru of the Big Data Computer Dating Service. It was Shockten, as you may recall, who devised the much-heralded Big Data Theater Tour for Swinging Singles.

Participating in this tour were five young men (Albert, Barney, Chuck, Danny, and Ernie) and five young women (Florence, Glenda, Helen, Inez, and Joan). Of the tens of thousands of clients whose psyches had been electronically programmed, these were the people deemed to have the greatest potential for forming happy heterosexual couples. Each, in addition, was devoted to theatergoing.

Big Data arranged for them to see five of the most popular shows on Broadway: *Kumquats and Kulaks*, *The Loquacious Labradorian*, *The Masticating Mahatma*, *The Narcoleptic Nonconformist*, and *The Omnipotent Ottoman*. The theaters in which these stellar productions were housed were (not necessarily respectively) the Purgatory, the Quagmire, the Reptilian, the Sarcophagus, and the Thumbscrew.

The members of the Big Data Theater Tour attended each of the shows with a different date, and no more than one couple ever attended any one performance. Everybody went to the theater on Wednesday, Thursday, Friday, and Saturday evenings, as well as to the traditional Saturday matinee.

But enough of prologue! From the following facts, can you link up each show with its theater, and deduce who saw what with whom, and at which performance?

1. Though Glenda loved both *The Masticating Mahatma* and the show at the Thumbscrew, neither thrilled her quite as much as the one she saw with Chuck, for this marked her very first visit to a real Broadway theater.
2. During an intermission, Glenda and Danny had an argument over which show had a more exciting last act—*The Loquacious Labradorian* or the one at the Reptilian.
3. As Helen and Danny were leaving the theater, they agreed that the show they had just seen wasn't as good as *The Narcoleptic Nonconformist*, but was somewhat better than the one at the Quagmire.
4. In a period of some 26 hours, Barney had theater dates with Flor-

ILLUSTRATION BY TOM CHRISTOPHER

ence, Helen, and Inez (though not necessarily in that order).

5. Chuck's date at *The Omnipotent Ottoman* had been Danny's date at the Reptilian.
6. As Ernie was leaving the theater with Florence, he remarked that of the five shows he had seen that week, he enjoyed *Kumquats and Kulaks* the most, the one at the Thumbscrew the least, and the one they had just seen together somewhere in between.
7. Florence saw both *The Masticating Mahatma* and the show at the Sarcophagus on the same day.
8. The show at the Purgatory was the only one on the itinerary that consisted of one long act without any intermission. Inez saw it on the same night that Glenda and Barney were attending *The Masticating Mahatma*.
9. During what may well have been the most idyllic 26-hour period of her entire life, Joan saw *The Masticating Mahatma* and the show at the Quagmire, and she also had a theater date with Albert (not necessarily in that order).
10. Albert's date at the Purgatory had previously attended *Kumquats and Kulaks* with Chuck.
11. The last show Glenda saw that week was *The Narcoleptic Nonconformist*.
12. Neither of the people who attended a performance together at the Thumbscrew had as yet seen *The Narcoleptic Nonconformist*.
13. During the intermission of *The Omnipotent Ottoman*, Chuck and Joan stepped outside for a breath of air, and they caught a glimpse of their friend Inez in the intermission crowd at the Thumbscrew, which was right next door.
14. The night before Inez and Albert had their date, Inez had been with Danny, and Albert saw *The Omnipotent Ottoman*.
15. Chuck attended the Thumbscrew with Helen.
16. The Quagmire is across the street from where *Kumquats and Kulaks* is playing.
17. At the same time that Joan and Albert had their date, Barney and Florence saw *Kumquats and Kulaks*.

Answer Drawer, page 62

Al B. Perlman is a freelance public relations writer and mischievous puzzle creator. This puzzle first appeared in "Intellectual Digest," April 1972.

New!

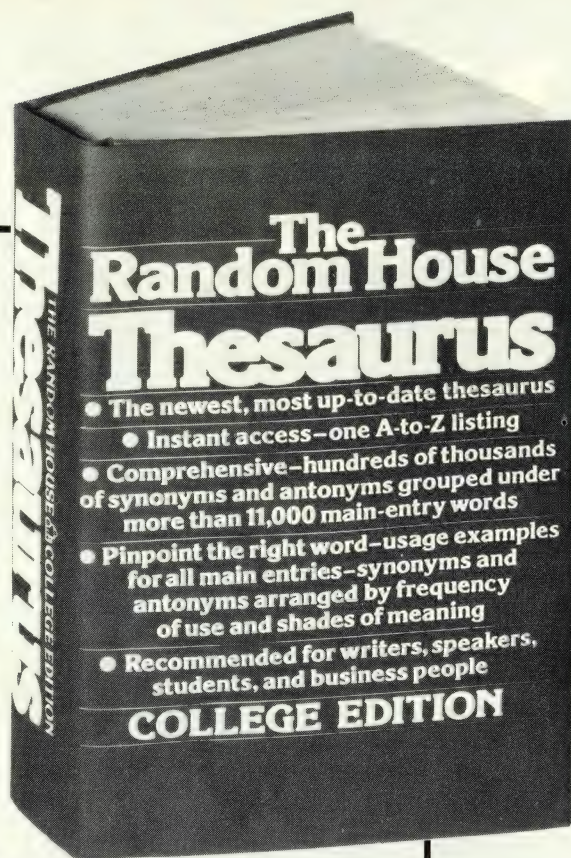
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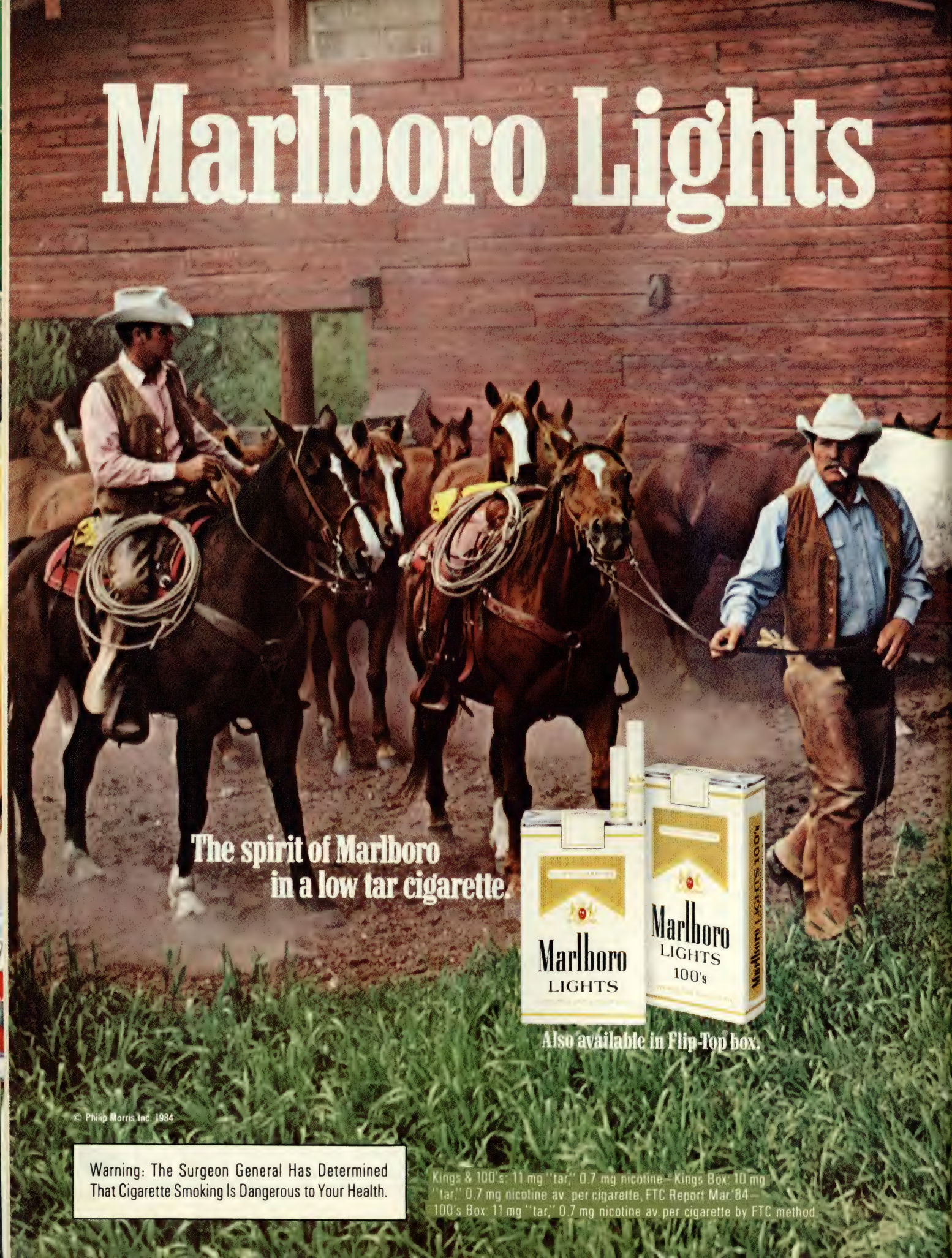


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"Strings Too Short to Use"

...and other oddities from the passionate world of collectors

by Karin Lipson

Photographs by Ellen Land-Weber

Louis Szathmary, a prominent Chicago restaurateur with a zest for the offbeat, tells of a certain friend's former landlady who kept a shoebox marked "Strings Too Short to Use."

"Throughout her whole life she collected them," says Szathmary with evident pleasure at the thought. The question begged to be asked: But did she really do *nothing* with all that string?

"What do you mean, 'nothing'?" he shoots back. "She collected it!"

Of course. For a true believer, the act of collecting is its own reward. And true believers abound, often undetected by the rest of us. Beneath the mild-mannered exterior of a colleague or fellow commuter may lurk that special passion,

that fierce singlemindedness, that can send an otherwise sensible person to the Amazon in August or Juneau in January in pursuit of his quarry.

If he or she returns from the hunt with dazzling macaw feathers or an Indian wood carving, the rest of us generally share in appreciating the trophy. But not every object of a collector's affections is so universally esteemed. For every seeker after rare stamps or Tiffany glass, there are dozens of aficionados whose collections are, to say the least, a touch more unusual.

Take Elizabeth Tashjian, for example. She collects nuts. For the price of two dollars and one nut, she'll give you a guided tour of the Nut Museum, which is actually a wing of her house in Old

"We collect anything that shines, anything that pleases," says Louis Szathmary, ensconced amid his collection of antique Transylvanian maps.



Lyme, Connecticut. Stored here are specimens from around the world, as well as assorted nutcrackers, nut masks, and Tashjian's own nut-inspired artwork.

Why nuts? "I am of Armenian heritage. This accounts for my passion for nuts," she says cryptically.

Old Armenia, after all, was in Asia Minor, where most of our common edible nuts originated. Moreover, adds Tashjian, Armenia has been conjectured as the site of the Garden of Eden. "Nuts have been nurturing man since creation. I like to think Eve gave Adam a nut, not an apple," she says.

Whatever the origin of her devotion to nuts, Tashjian has gathered a representative assemblage. Crowning her collection is a 35-pound double coconut, the world's largest nut. This supernut has a place of honor in an ornate chair, like a dowager queen overseeing her subjects. On visiting days, Tashjian escorts her guests around this nutty treasure-trove dropping nuggets of information (did you know that the betel nut is given as a gesture of welcome on the Malay peninsula?) and even breaking into song with renditions of her own compositions, the "Nut Anthem" and "The March of the Nuts Is On." Kids love it, and so, apparently, do TV producers: This self-proclaimed "nut visionary" has appeared on programs ranging from *The Johnny Carson Show* to *Ripley's Believe It or Not*.

Besides a measure of fame, Tashjian's passion has provided her with a seemingly endless source of inspiration for her artwork; for example, a bust of a woman, called "Nuts Nourish Man," that uses two coconuts for both anatomical and humorous effect. Nuts do not nourish Tashjian, however: "Nuts are so beautiful that I just can't eat them," she says.

If Elizabeth Tashjian collects nuts because she is Armenian, Louis Szathmary collects Transylvanian maps because "I am a Hungarian from Transylvania. I am interested in the history and geography of that territory."

A red-blooded Transylvanian, Szathmary bristles at the bad rep his country has received over the vampire legend: "The whole Dracula thing never had to do with Transylvania. If this guy lived, he really lived in Wallachia," a neighboring province, he says.

Szathmary can trace his Transylvanian roots to the eighth or ninth century, when his family moved there from India, giving their name to Szathmar, a sizable Transylvanian territory. With such a background, his passion for Transylvanian history is understandable. In addition to some 150 maps dating from the late 1400s to the mid 1800s, he possesses



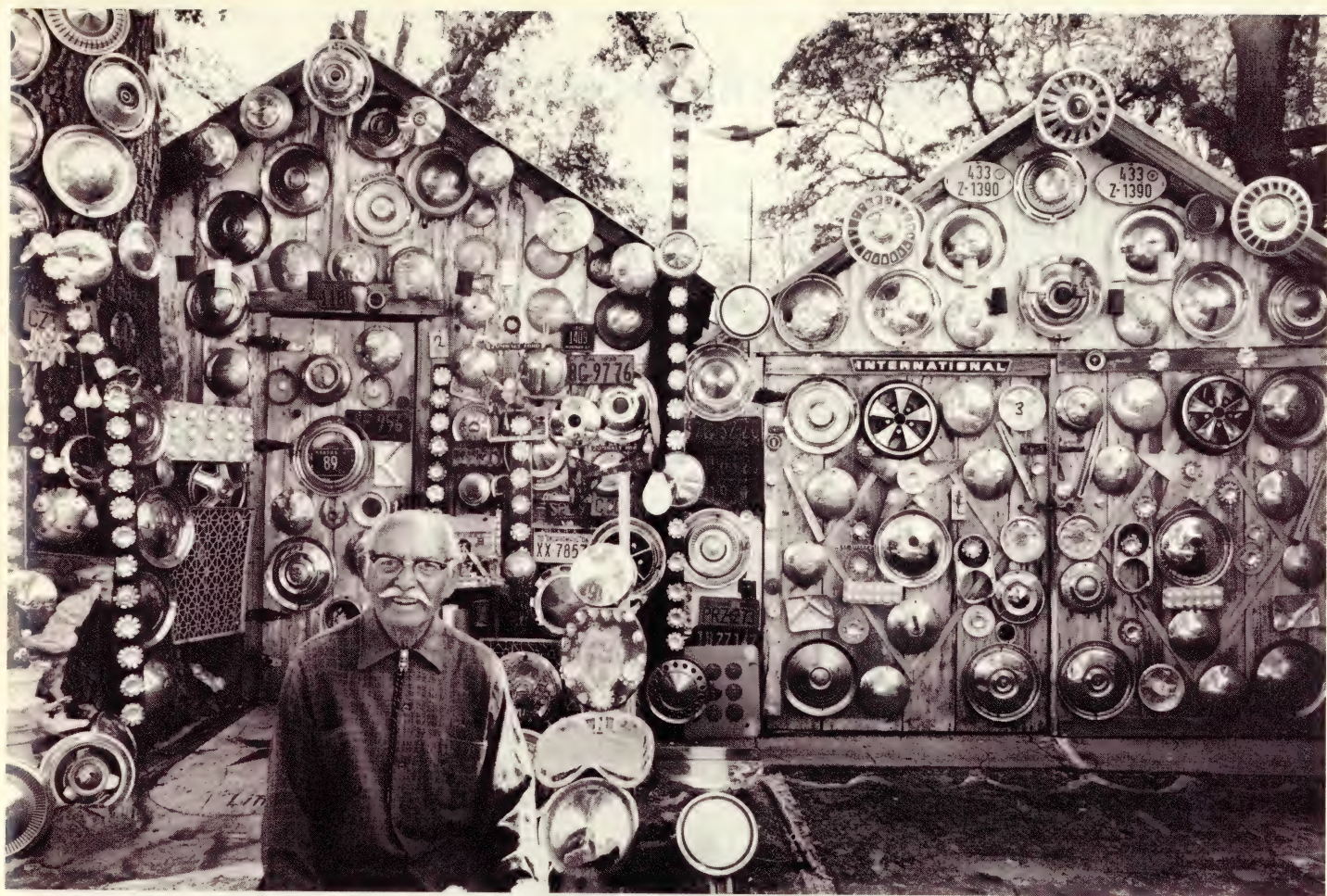
For nearly every type of object in existence, there is someone who collects it. These collectors describe the objects of their passion.

Top: "I suppose the mothering instinct is involved in our collection of Raggedy Anns. We've not only named each one, but also given them occupations, such as truck driver, ditch digger, and waiter." —The Farnham Family

Top right: "I have about 2,000 hubcaps. I really enjoy it when people come to look." —Vito Damonte

Below: "I wanted to collect something that reflected our culture, that no one else was collecting, and that didn't cost too much." —Martin Wong





Left: "I had a feeling when *Catch 22* first came out that it was a special book. Not just the content, but the intense blue of the paperback cover."

—Nelson Richardson

Below: "I heard about a man in Kansas who also had a ball of twine, so I took a trip to see it. Mine is bigger."

—Francis Johnson



All of Eastwood's doorknobs give her heart a sentimental

"at least" 1,500 books from or about Transylvania, as well as etchings and wood-block prints of that region.

"But my map collection is really unique," he says. "Not too many people collect Transylvanian maps"—a statement one is not likely to dispute. The collection, judged a fine one by experts in the field, is displayed in the large offices of The Bakery, Szathmary's Chicago restaurant. There, he and fellow collectors and cartographers avidly pore over the maps, noting variations in place names or admiring the cartouches—beautiful etchings or prints that decorate the maps. With a background in psychology, Szathmary has definite thoughts on why people collect. "We started our human origins as collectors . . . All kinds of animals collect food, but to collect non-food items is a human thing. We collect anything that shines, anything that pleases."

For those who find collecting maps a puzzling passion, what about collecting puzzles? Jerry Slocum, an aerospace engineer who lives in Beverly Hills, California, has about 10,000 of them—and there's nary a cross word in the batch.

"They're dexterity puzzles, not word puzzles," says Slocum. Arrayed in neat rows in meticulously arranged display cases are objects that break apart, fit together, and/or click into place—but not without a fight. One man's frustration, says Slocum, is another's satisfaction.

"See if you can open this cube," he challenges a guest, handing over a one-foot-tall wooden die with painted pips. Its surfaces are completely seamless and flush. The guest tries, then helplessly hands it back to its owner. "The clue is that unlike a real die, the pips on opposite surfaces don't add up to the same amount," Slocum says. Instead, consecutive numbers are adjacent to each other. Turning the cube from side to side, in numerical order from one to six, unlocks a secret tumbler mechanism inside. "Hello, Jerry," reads the inscription placed inside by its maker, a Japanese puzzle artist.

"I really appreciate an elegant puzzle, a new approach to a problem," says Slocum. Not many have stumped him: Since starting his collection as a college student in the early 1950s, he's amassed perhaps the world's finest collection of three-dimensional brainteasers.

Witness, for example, his several hundred Rubik's Cubes, no two alike, more

than a few of them pornographic. He's kept up a lively correspondence with puzzlemaker Ernő Rubik, but declined an offer to write for Rubik's own magazine ("Too busy").

The bulk of his collection, though, consists of antique puzzles. Included are some rare Chinese ivory puzzles that were imported into New England in the early 19th century and placed in "Sunday boxes," containers full of permissible Sabbath entertainment.

For the fun-loving host, Slocum offers a collection of pitchers and mugs with holes drilled strategically below their rims. How to drink or pour from them without dribbling? These soggy puzzles have been generating yuks for centuries, and we won't spoil the secret now. It's all right, though, to spill the beans on some of Slocum's ball-in-hole puzzles from the First World War. Manufactured in Britain, and sent to British prisoners of war, the puzzles contained tiny hacksaws and compasses hidden in a secret compartment.

Slocum's collection is also something of an impenetrable secret—except to the cognoscenti. Only the world's best puzzlers are privileged to play with Slocum's toys, if they are lucky enough to receive—and solve—an invitation to his annual puzzle party. The invitation is contained in a nearly unopenable puzzle box, which serves as a playful screening device. But in January, the public will have the chance to see the cream of his collection when it goes on view at the Craft and Folk Art Museum in Los Angeles. On display will be such brain-scrambling items as a wooden egg. "Try breaking this open," he says, handing it to a visitor. Spinning it, probing it, and twisting it prove futile. "Just crack it like an egg," he says, breaking it neatly open on the edge of a table. "I love the logic of it all," says Slocum, smiling happily.

Emotion, not logic, is what's behind Pryor Dodge's antique bicycle collection. "I saw *Around the World in Eighty Days* when I was eight or nine years old," recalls Dodge, who is the agent for the work of the late French animal photographer Ylla. "In the beginning of the film there's a high-wheel bicycle ridden by Cantinflas, and that image stayed with me."

Another childhood incident also steered him toward bicycles. As a young boy, Dodge had to take music lessons every day during the summer. To flee from the drudgery, he rode his bike into the

countryside. "This was my escape," he says nostalgically. Years later, when he was in Paris studying the flute, he began to buy turn-of-the-century posters advertising bikes. The carefree poses touched a chord. "Those early posters I was buying reminded me of the feeling I had as a kid when I raced away from the house on my bike—a feeling of freedom." The bike had become his Rosebud. "I never really made a decision to collect," he says. "I was just amassing." But after buying 50 or 60 more bike posters, he was in too high a gear to stop. Today Dodge owns not only posters and about 15 vintage bikes (plus a modern 10-speed Italian racer), but also a mulligan's stew of old artifacts, their only apparent connection being that each bears the image of, or is somehow related to, bicycles. The collection, which fills his New York City apartment, ranges from beer mugs, Meerscham pipes, English plates, cups, and clocks, to 19th-century board games, medallions, iron toys, and a century-old movie machine called a phantoscope, which shows a man riding a hobbyhorse (a kind of early bicycle). However, Dodge thinks his most unusual piece is a *roulette de café*. A gambling device once common in French bars, it's a combination match striker and tiny roulette wheel, at whose center is a handpainted picture of a couple on a velocipede.

What bikes are to Pryor Dodge, trucks are to Richard Kemp. Not the little toy kind, but the real, full-size kind, dating from 1916 to 1953. Kemp has more than 100 mammoth old trucks, including dump trucks, large vans, tankers, a cement-mixer body, and a smattering of crawler-tractors, cranes, and power shovels, all parked on some family property on the banks of the Contoocook River in Hillsboro, New Hampshire.

To hear him tell it, Kemp didn't really mean to become a truck collector: "I just wanted one to play with. A friend told me of one in a junkyard. It was a 1930 'bulldog' Mack, the one with the radiators behind the engine. Got its name from the G.I.'s in World War I, because they thought the trucks looked as ugly as the dog."

Ugly or not, Kemp took one look and was smitten. He bought the truck and spent much of the bleak New Hampshire winter fixing it up. A former truck driver turned bulldozer-operator, Kemp has less work in the wintertime. So the following winter he acquired his second old truck

pull—"It's like they're one of my children."

and fixed that one up, too. And then the third winter. . .

Now, some 20 years later, he's still at it, picking up unwanted relics "for a junky price" and then digging in for the fun part: "I do all the body work, the welding, the engine work." Most of the 100 trucks run, he says. "A lot of them could go out and do a day's work."

The spruced-up vehicles join what has come to be referred to as R.A.A. Kemp's Truck Museum, listed in state rest areas and mentioned in truckers' magazines as a nice place to visit. And visit they do. The truck buffs are "out here all the time," says Kemp. "I've seen them in the dead of winter. On Sunday afternoons there are so many people, I get the hell out." That's partly so he won't get involved in the inevitable debates over year, model, gear ratio, and other esoterica. "It's better to keep your mouth shut and be thought dumb than to open it and remove all doubt," he says wryly.

To date, Kemp has put the brakes on his friends' urgings that he charge admission to his "museum." "As far as I'm concerned," says the laconic New Englander, "there's just a yardful of trucks out there."

Maudie Eastwood doesn't charge admission to her houseful of doorknobs, either. The Tillamook, Oregon, collector has about 2,500 of them, "each one different. But I'm a small collector," she notes, explaining that some fanciers own twice that number.

She ought to know. Maudie Eastwood is the acknowledged maven of doorknobs, author of two books on the subject, and the matriarch of the Antique Doorknob Collectors of America.

When her fellow collectors get together for their annual convention, says Eastwood, "it's like old home week, like seeing Uncle Charlie again. There are doctors and lawyers, people in their 90s and kids 12 years old. There are some very influential people and some who don't have the right clothes to be seen in public—it makes no difference."

The conventioners have been known to ply Eastwood with free doorknobs and have made her an honorary life member. Not bad for someone who, as a child, was "so shy and timid that I hid from people. This is like a drama unfolding, and I'm tickled."

She's also glad to be finally pursuing a lifelong "interest in things technical, how they work," she says. "My mind

was taken up for so many years with bringing up the children, running a beauty shop, and we have 12 acres here."

But life has changed for Maudie Eastwood. Nowadays she spends much of her time in historical research, in correspondence with other collectors, and in rounding up the right knobs for two architectural preservation projects in Oregon.

And there are still those quiet moments at home, just contemplating her favorite doorknobs. One that stands out is a highly ornamented bronze knob from her sister's house in Portland. Fifty years ago, when 15-year-old Maudie grasped it nearly every day, it was black with coal smoke. So 20 years ago, when she phoned her sister and asked if she could have the knob, her sister was surprised, asking, "What do you want that dirty old thing for?" She gave it to her, though, dirt and all.

But all of Eastwood's doorknobs give her heart a sentimental pull. "It's like they're one of my children—I know them so closely," she says. "Someone conceived that at one time, and it's like a thread between them and me."

That historical thread seems to draw all collectors. And if the thread has been lost over the years—well, what can be more enticing to a collector than the challenge of retracing it?

That's what happened to Hy Roth, a Chicago cartoonist who collects vintage photographs. Of midgets, that is. It all started 10 years ago when Roth, already a collector of old photos, saw some pictures of midgets—or "little people," as he prefers to call them—at a vintage photography show.

"The fascination to me was, why did someone photograph them? Why were so many photos taken? Who did the photography, and who were these little people?" he recalls. "I thought it would be fun to research, but it scared me. I could see myself selling my historical photo collection to get my hands on all the pictures of little people that I could."

And that is precisely what happened. Roth, who at 5'5" says he's "little, but not a Little Person," had felt the first flutterings of what became almost an obsession for the next few years, as he amassed the collection. Known as "The Midget Collector" to dealers, Roth often searched for his unusual photos in attics and basements and at the backs of dusty souvenir shops, prompted by the thought "Who knows? It's worth a try."

Then there were hours spent over old newspaper clippings, as well as trips to New York and to the Circus World Museum in Baraboo, Wisconsin, as he pieced together the story of these strange old photos. Roth learned that most of the pictures were of diminutive show people, who worked in the so-called freak shows that were clustered in New York's Bowery area in the late 19th century. The pictures were sold there as souvenirs. He also disinterred and catalogued the stories of individual show people, eventually getting enough material to publish a book, *The Little People*. Hervé Villechaize, who played Tattoo on TV's *Fantasy Island*, bought six copies of it, says Roth proudly.

Today he has "well over 1,000" photographs, including a remarkable series of pictures of a late 19th-century theatrical group, the Lilliputians, doing their antics onstage with giants and other show people. Rarer still is an 1854 ambrotype—an image photographed on glass backed by black paper—of Tom Thumb playing cards with his normal-size father and brothers. The original photos are mostly in a safety deposit box, though copy prints abound in the Roth home.

To Roth, though, the monetary value of the collection is secondary. "The rewards are getting to know the little people," he says, having made friends with many of them in the course of his research. "They have all these difficulties day-to-day, yet they have a positive outlook. What continues to fascinate me is their courage."

And what continues to fascinate many people about collectors like Hy Roth is their passionate devotion to an endless diversity of odd objects. Why do they collect? No one really knows the answer, including the collectors themselves. Perhaps it's some as yet unrecognized instinct to acquire things. Perhaps it's simply nostalgia. Maybe only a psychiatrist can unravel the answer.

But whatever motivates these collectors, there are plenty of them out there. So think twice before scrapping those old beer cans, cigar bands, sewing machines, duck decoys, shoe horns, Edsels, matchbooks, or even strings too short to use. There's probably someone dying to add them to a collection.

Karin Lipson, who edits the "Corporate Artnews" newsletter, is a widely published freelance writer. Additional reporting for this article was done by Andy Meisler and Curtis Slepian.

GET TO THE LOGICAL ROOTS OF THIS GARDEN PLOT

oooooooooooooooooooo

THE BIG CHILL-OUT

oooooooooooooooooooo

★★

Puzzle by Emily Cox and Henry Rathvon
Story by Curtis Slepian

They heard it through the grapevine: Big Jake, the vegetarian, had committed suicide by jumping headfirst into a vast compost heap. At his funeral, Jake's best friends—Nick, Michael, Meg, Harold, and Sarah—decided to grow a garden as a kind of tribute to Jake's memory.

Student activists in the 1960s at the University of Michigan, the five were now sleek, successful summer neighbors in rural South Carolina. And though they were as radical and idealistic as a turnip, the garden rekindled in them that old sixties communal spirit. They agreed that each would buy one gardening tool (hoe, rake, wheelbarrow, watering can, and spade) and would raise one crop (corn, broccoli, tomatoes, eggplants, and watermelons). They would share everything, they promised over a V-8 toast.

But the good vibes didn't last. One evening at Harold and Sarah's house, while the group rapped about why Jake had done himself in, Nick suggested that they use a chemical fertilizer in the garden because it would be "more cost effective." Sarah, who was into organics, sneered, "You're selling out to the system." And when Michael said he couldn't wait until harvest so the "gals" could cook up the veggies, Meg called him a "sexist pig." The seeds of discord had been sown.

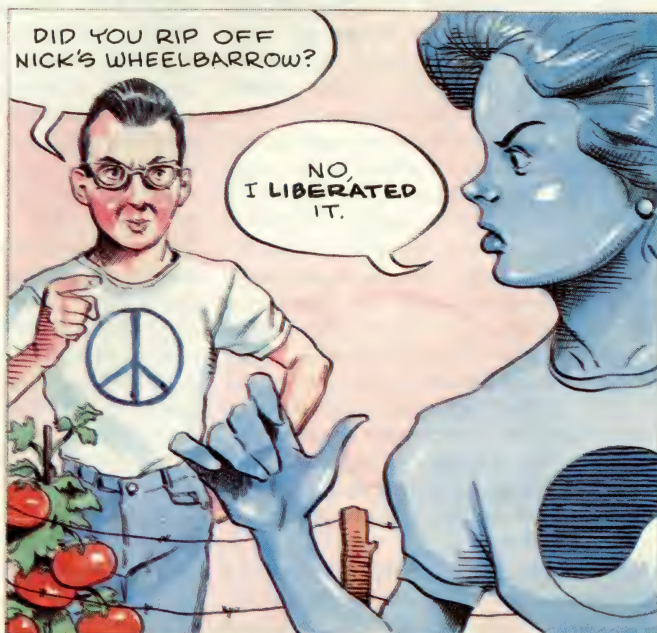
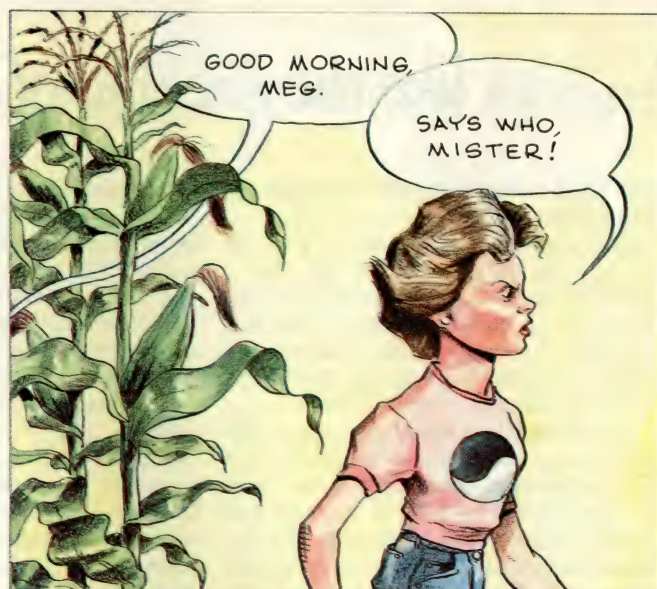
In the following weeks, arguments broke out when three people used eggplants to play touch football and smashed them on incomplete passes. Worse, Meg invited Harold to plant some of his seeds in her garden and he refused. Finally, the whole group was incensed at the discovery that Michael, once a muckraking journalist and now a staffer at *The National Star-Enquirer*, was writing an article about them titled "Edenic Garden Produces Bumper Crop of Hate."

By the middle of September, the five were so touchy that no one would lend tools or help the others with their crops. All that remained of the sixties' spirit were the different T-shirts each wore while gardening. (The T-shirt designs were a peace symbol, a clenched fist, the Rolling Stones tongue, a picture of Mao, and the yin-yang symbol.)

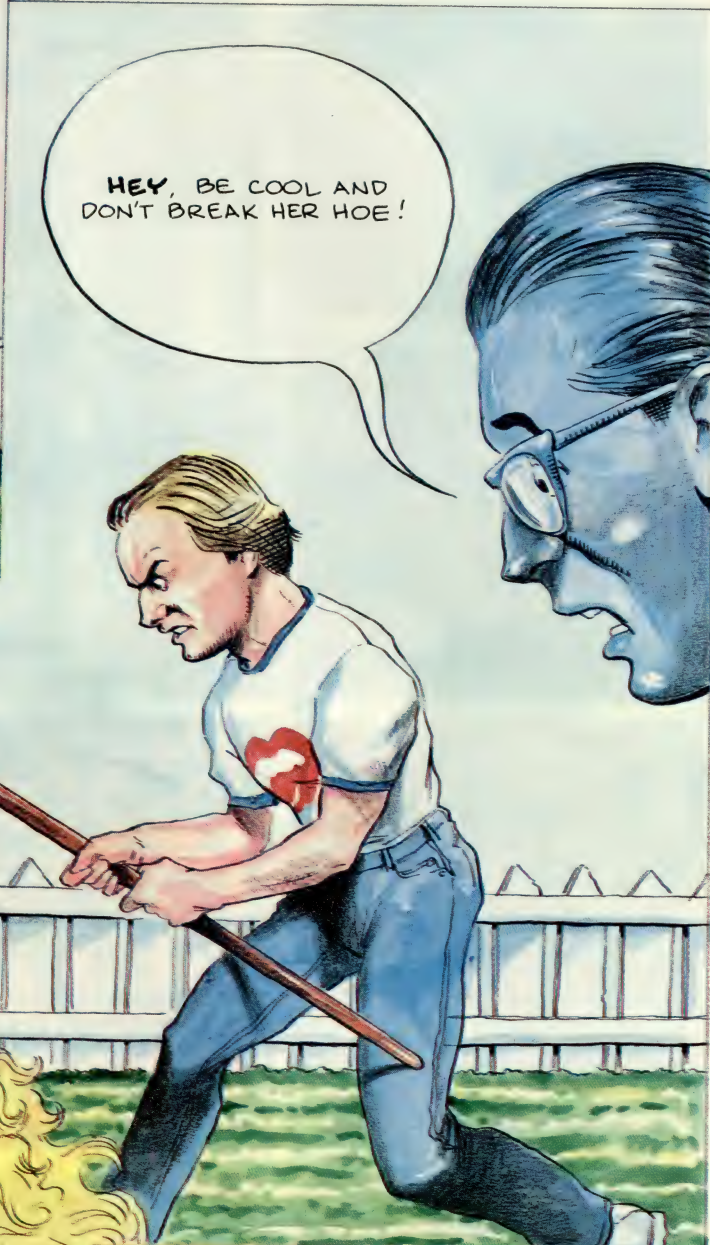
The one positive thing they got out of their long, hot summer was the realization of why Jake had killed himself: He probably couldn't stand the sight of vegetables anymore.

From the pictures here, which portray a typical early fall weekend in the communal garden, and the above information, see if you can match each gardener to his/her crop, tool, and characteristic T-shirt.

Answer Drawer, page 60



ILLUSTRATIONS BY MICHAEL WHITE





1



2



6



8



10



3



4

PHOTO FINISH

☆☆

A PICTURE PUZZLE BY ARLENE ALDA



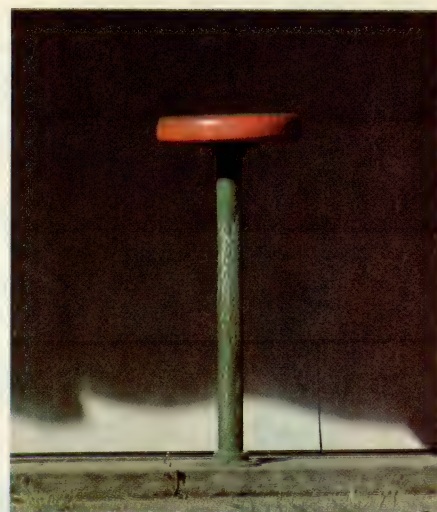
9



11



12



5



7



13



14



15



17



18



16

**CAN YOU FIND THE
THEME THAT UNITES
ALL THE PHOTOS AND
THEN NAME THE ONE
IMAGE THAT'S MISSING
FROM THE SET?**

Answer Drawer, page 64



19



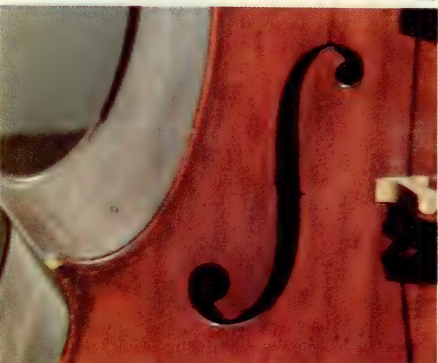
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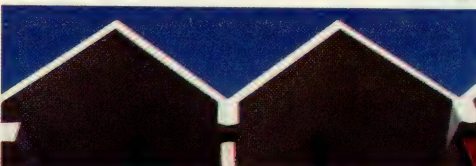
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22



23



24



25

FLIP,

THE PSYCHIC ROBOT★

Can You Outwit a Mindless Automaton? By Martin Gardner

Here's a chance to take on an opponent who has no control over the moves he makes. Still, winning may be tougher than you think.

The game is matching pennies. You flip a coin and then Flip, the robot, will do the same. If Flip's flip matches yours (heads after you have thrown heads, or tails after your tails), Flip wins. If not (tails after your heads, or heads after your tails), you win. Flip has challenged you to a 25-game match.

Here's how it works. For each game (1–25), throw a coin and note whether you threw heads or tails. Being a mere sheet of paper, Flip can't toss for himself, so you now get to tell him what to throw. Thus, if you threw heads, you may want to tell Flip to throw tails. But there's a catch: Sometimes Flip will obey your commands, sometimes he won't. You have no way of knowing in advance when he'll obey and when he'll disobey.

Once you've chosen heads or tails for Flip (and not before), follow the line that leads from that response all the way to its end to discover Flip's true flip. In following the lines, you may not change directions at intersections. Check the result of each game before proceeding to the next.

Keep a running total of the number of games won by you and the number won by Flip. If the results surprise you, turn to the Answer Drawer, page 64.

Puzzlesmith Martin Gardner's creation of this game was inspired by artificial intelligence experiments described in Russ Walter's "The Secret Guide to Computers" (Birkhauser Boston, 1983).

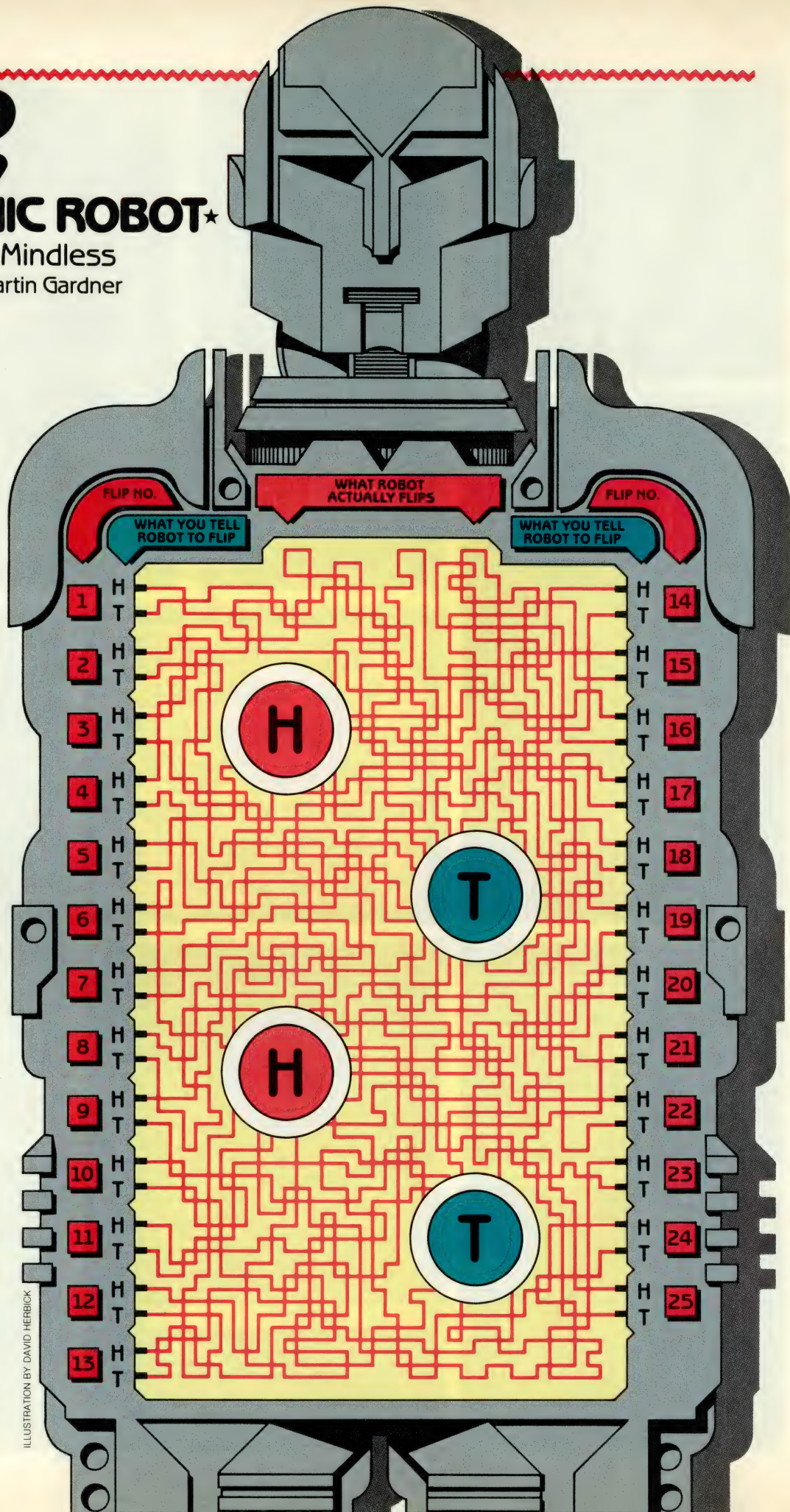


ILLUSTRATION BY DAVID HERBICK

How to tempt your lover without wearing a fig leaf.



First there was light. Followed soon thereafter by man and woman, a.k.a. Adam and Eve. Then came the business with the apple, and before you could say "You snake in the grass," five zillion years went by. But all wasn't for naught, because that fateful faux pas not only altered the history of haberdashery but also inspired the creation

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While the advent of apparel is certainly appreciated, especially in sub-zero surroundings, the birth of DeKuyper Apple Barrel Schnapps is universally ballyhooed.

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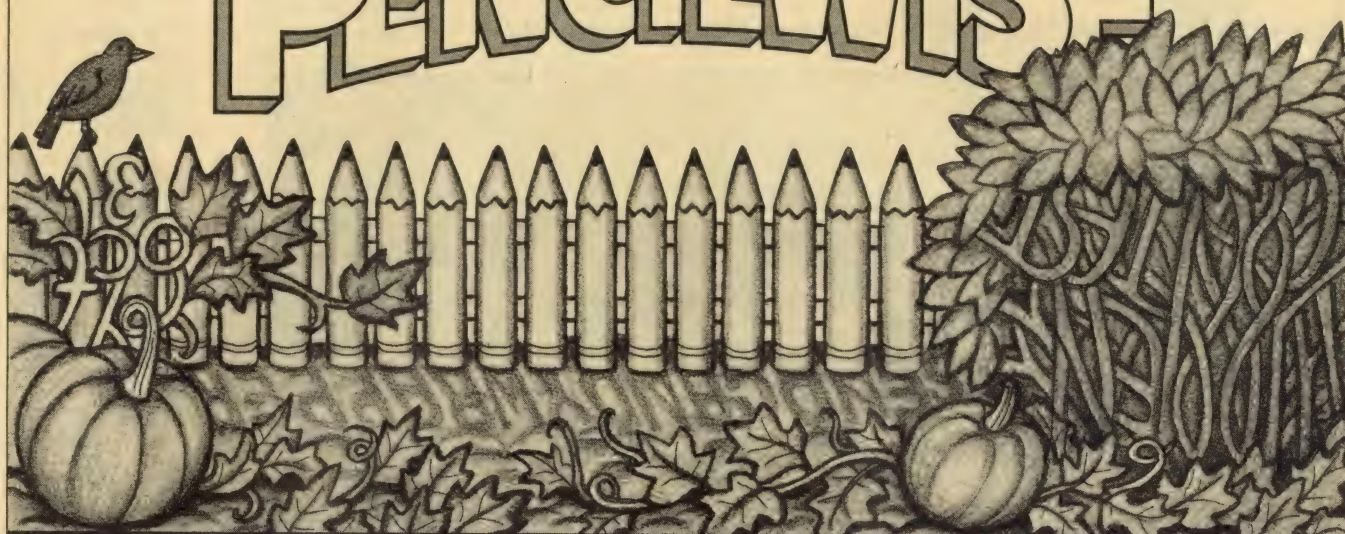
ULTRA LIGHTS: 5 mg. "tar", 0.4 mg. nicotine,
FILTER: 9 mg. "tar", 0.7 mg. nicotine, av. per cigarette, FTC Report FEB. '84.

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PENCILWISE



Square Routes ★★

by Will Shortz

Each clue in this puzzle consists of three words that can each go before or after a fourth word to complete a compound word or a familiar two-word phrase. For example, if you had the clue words LIST, BOOT, and HOLE, you would answer BLACK, to make BLACKLIST, BOOTBLACK, and BLACK HOLE.

To solve, first answer as many clues as you can. Then enter each answer in the grid beginning in the square corre-

sponding to the clue number and proceeding in any horizontal, vertical, or diagonal direction. The direction can be determined by logic and by the crossing letters of other answers. Work back and forth between grid and clues to complete the puzzle. When you're done, every square in the grid will be filled, and every word will have at least half its letters crossed by other answers.

CLUES

- | | | |
|-------------|-----------|-----------|
| 1 Paint | Index | Tip |
| 2 Neck | Dove | Snapping |
| 3 Rose | Variety | Party |
| 4 Snake | Baby | Trap |
| 5 Sun | Tone | Telephone |
| 6 Dead | Zone | Tag |
| 7 Fever | Log | Boy |
| 8 Spread | Bald | Eyes |
| 9 Gravy | Track | Mule |
| 10 Key | Book | Bank |
| 11 French | Party | Peck |
| 12 Bug | Rod | White |
| 13 Sea | Headed | Split |
| 14 Landing | Box | Shift |
| 15 Optic | Gas | Racking |
| 16 Spring | Hair | Water |
| 17 Chair | Wrestling | Strong |
| 18 Sky | Jump | Horse |
| 19 Drinking | Pen | Soda |
| 20 Clover | Stalk | Loose |
| 21 Blade | Cold | Bag |
| 22 Beauty | Walk | Tight |
| 23 Fashion | Home | Glass |
| 24 Drill | Brush | Cross |
| 25 Stool | Hole | Toed |
| 26 Lamé | Wave | Child |

Word List, page 61

Answer Drawer, page 64

1	2	3		4	5	6		
			7					8
				9				
			10		11			12
					13	14	15	
	16							
						17		18
19			20					21
22				23	24	25	26	

Trick or Treat ★

by Michael Fog

A Halloween Observation Puzzle

Can you spot every one of the 16 differences between these two illustrations?

Answer Drawer, page 58



What's the Point? ★

by Emily Cox and Henry Rathvon

ACROSS

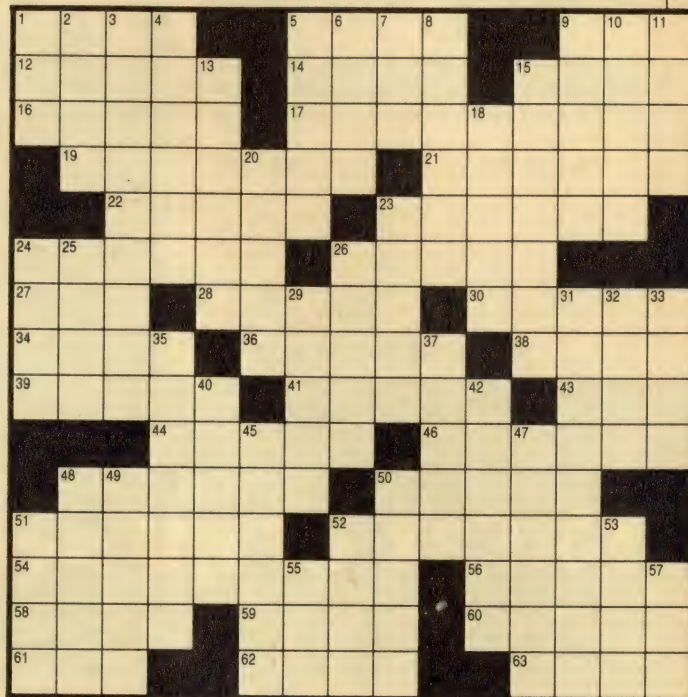
- 1 Skillets
- 5 At a distance
- 9 Wager
- 12 Geologic age
- 14 Detective Nick's wife
- 15 Globetrotter Marco
- 16 ____ Haute, Indiana
- 17 This section
- 19 Took the wheel
- 21 River near the Euphrates
- 22 The Underworld
- 23 Thanksgiving Day event
- 24 Archers
- 26 Dressed to the ____
- 27 Woodchopper's tool
- 28 English county
- 30 Cleans house
- 34 Cream of the crop
- 36 "____ not, want not"
- 38 Marinate
- 39 Come in
- 41 Conducts, as an orchestra

- 43 AP competitor
- 44 Picture puzzle
- 46 Group of six
- 48 Look up to
- 50 Bed on a train
- 51 Safari continent
- 52 Passed along
- 54 This section
- 56 Braid
- 58 Sharpen
- 59 Volcano slide
- 60 Corn ear coverings
- 61 Moose's kin
- 62 Dines
- 63 "____ lively!"

DOWN

- 1 Mascot
- 2 Burroughs' *Tarzan of the ____*
- 3 This section
- 4 Shriek
- 5 Boleyn and Hathaway
- 6 ____ for thought
- 7 Train schedule abbreviation
- 8 Wickerwork
- 9 Committee

- 10 Borden's cow
- 11 Young 'uns
- 13 Paid attention to
- 15 Winged horse of myth
- 18 Employed
- 20 Subscribe again
- 23 *Niña's* sister ship
- 24 Slugger Ruth
- 25 Yoked beasts
- 26 Schnozzolas
- 29 Worth
- 31 This section
- 32 Finish line marker
- 33 Short play
- 35 Wood eater
- 37 '50s Ford fiasco
- 40 German empire
- 42 Angel
- 45 Barroom fights
- 47 Hi-fi needle
- 48 "____ and his money . . .": 2 wds.
- 49 Pie-eyed
- 50 Followers of alphas



- 51 Tennis coach Arthur
- 52 Invitation request

- 53 Dutch sea wall
- 55 ____ de cologne

Answer Drawer, page 58

- 57 Cookbook measurement: Abbr.

Scare Tactics ★

by Mary McCool

Here's a quiz that gives you a ghost of a chance. The answer to each clue is a word containing the consecutive letters B-O-O. For example, the clue "Pioneer Daniel" would lead to the answer BOONE, while "Imaginary hobgoblin" would yield BUGABOO. Can you scare up the following 14 answers?

Answer Drawer, page 60



1. Australian flying toy _____
2. Tall Asian grass _____
3. Make or sell moonshine _____
4. Early stage rocket _____
5. Doglike monkey _____
6. The hinterlands _____
7. Cheat through trickery _____
8. Face-hiding game _____
9. Shoeshine man _____
10. Highway collection point _____
11. Set a surprise snare _____
12. Forbidden _____
13. Wasteful government project _____
14. Mistake _____

An Underwater Life Word Search

You may want to take a deep breath before diving into this word search. The names of 40 creatures of the ocean's depths are hidden in the starfish below. As always, each an-

swer will read horizontally, vertically, or diagonally, but always in a straight line (avoiding the bends, of course). Can you sound out all of them?

Answer Drawer, page 60



ABALONE	COCKLE	JELLYFISH	OYSTER	SCALLOP	SHIPWORM
BARNACLE	CONCH	KRILL	PERIWINKLE	SEA ANEMONE	SHRIMP
BASKET STAR	CORAL	LOBSTER	PLANKTON	SEA BUTTERFLY	SNAIL
BRITTLE	COWRIE	MUSSEL	POLYP	SEA CUCUMBER	SPONGE
STAR	CRAB	NAUTILUS	PORTUGUESE	SEA HORSE	SQUID
CHITON	CUTTLEFISH	OBELIA	MAN-OF-WAR	SEA SLUG	STARFISH
CLAM	HYDRA	OCTOPUS	SAND DOLLAR	SEA URCHIN	WHELK

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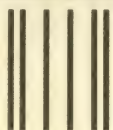
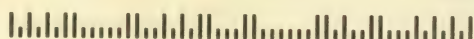
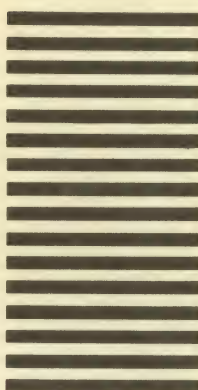
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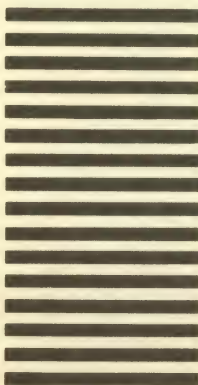
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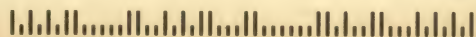
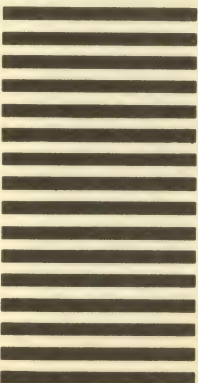
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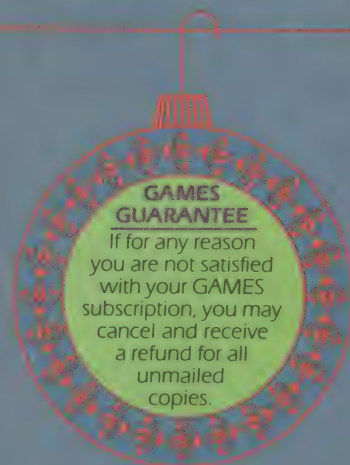
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Siamese Twins ★★

by Mike Shenk

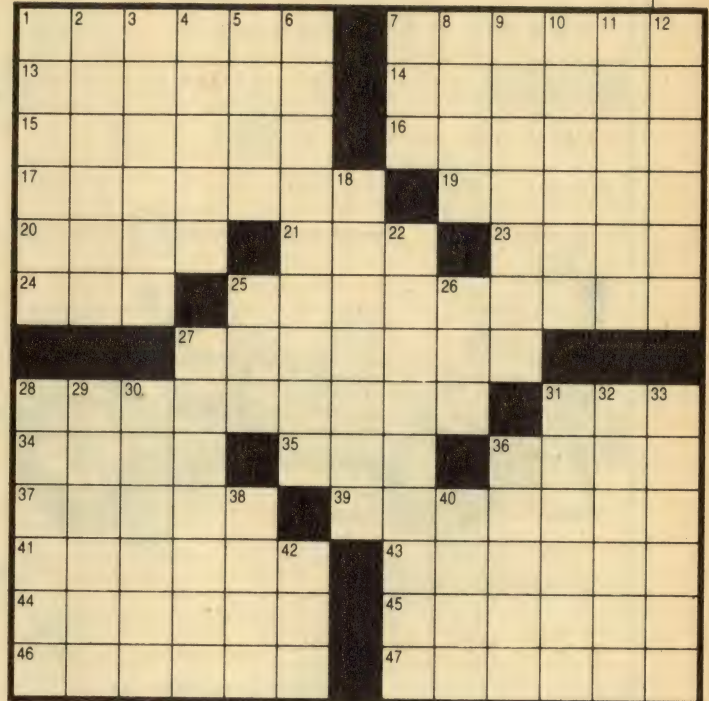
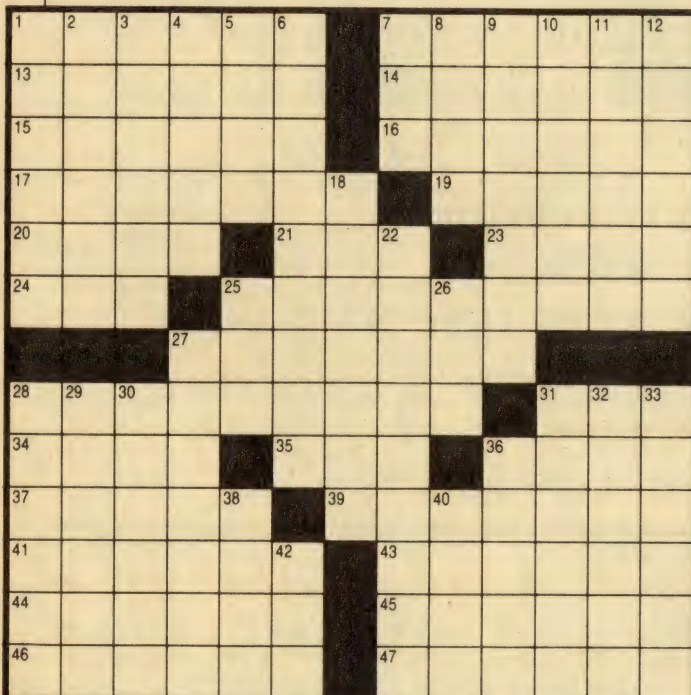
This puzzle gives you two grids for the price of one. And two sets of clues to go with them, so you can work both cross-words at the same time. What's the catch? Each clue number is followed by two different clues, which require two different answers—but the two clues in each pair are in random order.

Which means you'll have to figure out which answer goes in which grid. (It doesn't matter which grid you plug the first answer into—but after that make sure all your answers connect.)

Answer Drawer, page 58

ACROSS

- | | | |
|---|---|---|
| <p>1 One of the Gemini twins . . .
... and the other</p> <p>7 One of the Musketeers Eases up</p> <p>13 Bee's home Shrewd</p> <p>14 Disavow Vacation spot</p> <p>15 Alternative to buying Slyly evasive</p> <p>16 Easily done Eye screen</p> <p>17 Composer Béla and family ____ darkness (devil)</p> <p>19 Outboard, e.g. Gondolier, e.g.</p> | <p>20 Author Kingsley Buck, for one</p> <p>21 Vitality Talk long-windedly</p> <p>23 Take it easy Rescue</p> <p>24 Brood guardian Go awry</p> <p>25 Benefitters of benefits Lampoon writers</p> <p>27 Treeless plain Cheering fans</p> <p>28 Party snack Ornamental articles of dress</p> <p>31 Comics sound effect Butter unit</p> <p>34 Lot size Submarine sandwich</p> | <p>35 Poke fun at Before</p> <p>36 Serenader's instrument Telegram</p> <p>37 Siskel's co-host Started a card game</p> <p>39 King's subject Surround</p> <p>41 Arm art Fractions</p> <p>43 Heavenly Hose end</p> <p>44 Spies Parthenon goddess</p> <p>45 Reveal Long-running Broadway hit</p> <p>46 Marshy plants Farm machine</p> <p>47 Felt Kitchen fixtures</p> |
|---|---|---|



DOWN

- | | | |
|--|--|--|
| <p>1 "Come with me to the ____" Procession</p> <p>2 Kitchen tool "Ain't it ____"</p> <p>3 Completely intermix Tarry</p> <p>4 Grassy clumps Procrastinator's word</p> <p>5 Soviet river Director Preminger</p> <p>6 Percussion family member European capital</p> <p>7 Sandy's sound Airport schedule abbreviation</p> <p>8 Computer sound Paper unit</p> | <p>9 Waldorf—____ Confronts aggressively</p> <p>10 Rum drink Linen fabrics</p> <p>11 "Papa" Hemingway Smitten</p> <p>12 Cubic meters Jumps in surprise</p> <p>18 Diabolical Full-length movie</p> <p>22 Imposter Big bashes</p> <p>25 Food fish Dunderhead</p> <p>26 Tax agy. M.D.'s co-workers</p> <p>27 Wore Showing tipsiness</p> <p>28 Cotton fabric Greek letters</p> | <p>29 Money-back offer Old cold spell</p> <p>30 Lonely ____ Brave Blue</p> <p>31 Some pies Whining</p> <p>32 Immediately Ultimatum phrase</p> <p>33 "____ a little Christmas" (Mame lyric) Reservation rooms?</p> <p>36 Become wrinkled <i>Deathtrap</i> author Ira</p> <p>38 Carry Musical sound</p> <p>40 Shredded ____ Zapata</p> <p>42 Sculling need Draft org.</p> |
|--|--|--|

Below are seven messages—consisting of pithy sayings, fascinating facts, and a cartoon gag—that have been translated into simple code alphabets. Letter substitutions remain constant throughout any one cipher, but change from one cipher

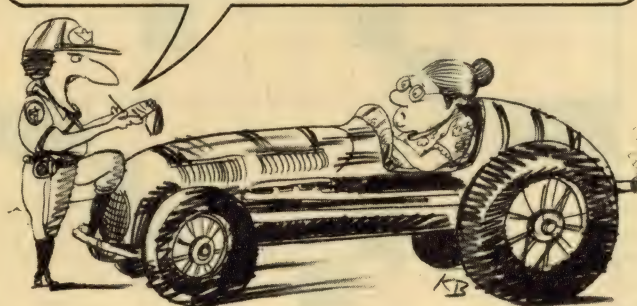
to the next, and the level of difficulty increases as you progress. An asterisk (*) indicates a proper noun.

Clues are given at the bottom of the page to provide assistance if you need it.

Answer Drawer, page 64

1. CRYPTOON

Y RGU'Q CMAA CGB QXMQ
"JRSSQ, YUUGHSUQ
NBMUOIM" ZYQ MNMYU, *IBJ.
*ZMWSB. EGP WUSR EGP
RSBS JVSsoyUN.



2. STRONG-WILLED

H QPDPM MPCHCV
VPFJVKVHXQ, WPKRCP H
ZKDP SXRQN VZKV VZHQT
VZKV KMP WKN SXM FP NX
QXV VPFJV FP.—*T.*W. *CZKB.

3. SNAP AND CRACKLE

UL HQI QE LPN BCAEQER,
Q'V AULPNA PUMN U
ZANUOTUHL TCCV LPUL KQGG
GQN VCKE QE LPN ZCKG
UEV HPJL JF.

4. GOOD BREEDING

UE PKBUTLV HWN VFTDV,
HBUMW-DUEEUEx ZKER,
YKQFVFLEY, KEY STBMTU
ZUXFN SW NWBZWY
BWUXEUEx QKNV KEY YTXV.

5. DAFFY-NITION

BLDGHPJ: RPWVM VPHN LH
JNXKVKBN LY XPSKLPD
TWZPN—LH MKBX LY JPDKV
JWXN SQ DGHKBFZND
FPKGWH.

6. CUT AND DRIED

UPPY GPMTH BRZDJ FLWC
XZKMVZKJC UMPBV TPNW
CKDJMH NMZXNPQWZMX
BRLSP VKMLDJ YMLJLV
*TRZDVLTP FLDWPMX.

7. STICKY SITUATION

BZKJXYWJBVK RVWWNK
BVBGPD LPGD HPG QNVMZ
BPWMNY DLJXND, PDNY VD
TJDQQHHFD RZ YNDNWG
YCNKKNWD.

TIPS AND CLUES

Cipher 1: It's not hard to guess that this cipher starts with the words I CAN'T, I DON'T, or I WON'T. Fill in the letters I, N, and T, which are common to all three possibilities, and proceed from there.

Cipher 2: Ciphertext VZKV represents the common pattern word THAT.

Cipher 3: Ciphertext Q'V represents I'D.

Cipher 4: A three-letter word following a series of terms set off by commas is usually AND.

Cipher 5: The next-to-last word starts with the letter S and ends with -ESS.

Cipher 6: Ciphertext P represents the letter E. You can tell by the letter's high frequency, particularly in the last and next-to-last positions of words, and its doubling in the first word.

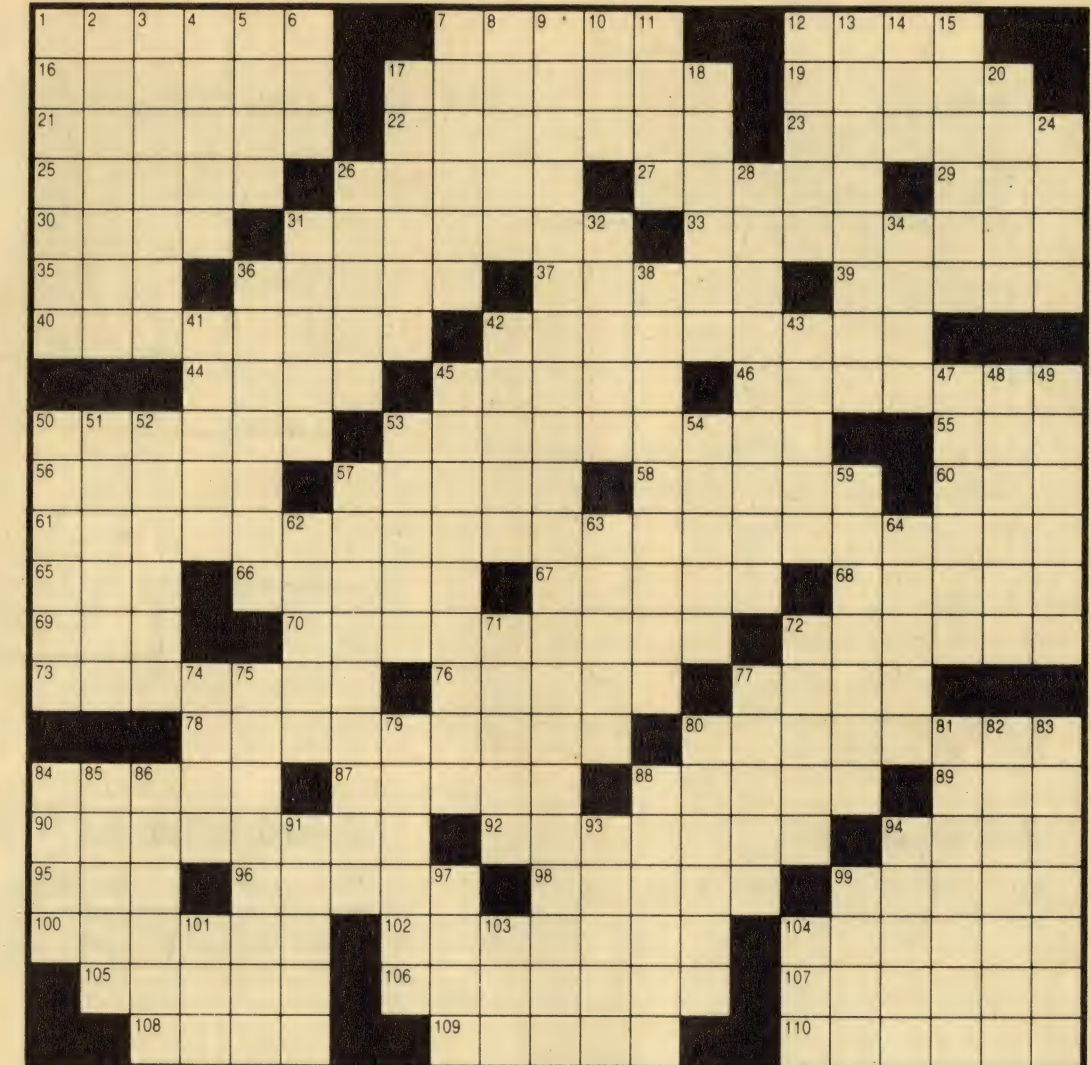
Cipher 7: The five vowels, A through U, are represented by ciphertext H, J, N, P, and V (but not in that order). Bonus hint: QQ represents an unusual doubled consonant.

Easy Does It ★★★

by Henry Hook

ACROSS

- 1 Quick quake
7 Obscure
12 Judge Hardy's boy
16 Branch off
17 Seek contributions
19 Missile shelters
21 Virginia, Vermont, or Ventnor
22 Start of a Doris Day song
23 Degrades oneself
25 Nearly perfect ratings
26 Breaking ball
27 Carhop's concern
29 "Bali ____"
30 Makes a new lawn
31 It belongs up
33 Pour it on
35 Bravo
36 Black eye
37 Almanac subject
39 Hood's henchmen
40 The infamous Ides
42 Expurgates
44 Uncontrollable
45 Snake dance?
46 Coaches
50 Smoke detectors, e.g.
53 Buried in the past
55 "What's ____?" (greeting)
56 Stevedore's burden
57 Needle's-eye traverser
58 Memorization methods
60 Brother
61 Advice for solvers . . . (see 9-Down)
65 Half due
66 "Aqui se ____ español"
67 Cork tree bark
68 "Ici on ____ français"
69 Scientific suffix
70 Slung mud
72 MacKenzie of *Your Hit Parade*
73 "____ is not to the swift"
76 Angela or Adelle
77 Pedal pentad
78 Walked proudly
80 Prayer ushering in Yom Kippur
84 Scrape off



- 87 Tougher to find
88 The Stanford-____ IQ test
89 Writer Reed
90 Tuba's vocabulary
92 Crossword clue, perhaps
94 Warmonger's adversary
95 Ted Baxter's TV station
96 Steve Garvey's hometown
98 Screwballs
99 Hamelin exterminator
100 Zilch
102 Struggle
104 Rollick and frolic
105 Daring display, in the Gay '90s
106 Took it easy
107 Rally
108 Producing shivers

- 109 History quiz details
110 Dampened

DOWN

- 1 Door topper
2 Trattoria specialty
3 Blue-penciled
4 Harbor hazards
5 *The Two ____* (1967 film)
6 Bread for a reuben
7 Paris stock exchange
8 Sorbonne student
9 (From 61-Across) . . . from Gilbert and Sullivan's *The Gondoliers*
10 Curling surface
11 Guggenheim contributor
12 Advantage
13 Laughing gas component
14 Mississippi town
15 "Hey!"
17 Flatten, in a way
18 Kind of date or practice
20 Offspring
24 Disobeys the Decalogue
26 Discard
28 Radiation measurer
31 Plaza de ____ (bullring)
32 Australian wild dog
34 "____ going ____ lives"
36 Bigger than big
38 Denunciations
41 Champion among choreographers

- 42 "____/The Rose": *The Rubaiyat*
43 Eponym of a deck of ESP cards
45 Generalissimo
47 Blazing
48 Try again at the crap table
49 Gershwin tune
50 Let off, in a way
51 Catapult
52 Melodic
53 Composer Manuel de ____
54 "And so ____"
57 Wire
59 Wise
62 Brutus's buddy
63 Gruesome
64 Capri cab
71 Challenges
72 Automaton
74 Request of invitees
75 Facing the storm
77 Broadway trophies
79 One of the Magi
80 Tightly twisted
81 Diploma decliner
82 Gridiron tactic
83 Put forth
84 Planted
85 Manhattan South honcho
86 Protected
88 Becomes besotted
91 C&W legend Cline
93 Pollutant of a sort
94 Fairway fragment
97 Like some cheeses
99 Uncover oranges
101 Kin of "goldarn"
103 ____-Locka, Florida
104 Cornfield cry

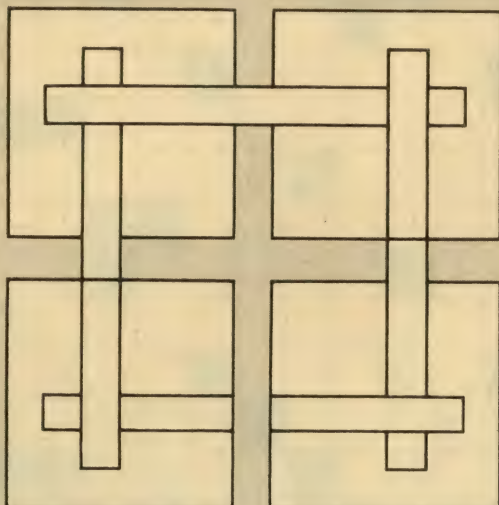
Answer Drawer, page 60

French Sticklers ★★

The Puzzles of Pierre Berloquin

1. Boxed In

How many rectangles and how many squares appear in this figure?



2. Look-Alikes

Cut this figure along the lines to produce two identical shapes.



3. A Three-Sum

What three digits are represented by X, Y, and Z in this addition?

$$\begin{array}{rcccc}
 X & X & X & X \\
 Y & Y & Y & Y \\
 + & Z & Z & Z & Z \\
 \hline
 Y & X & X & X & Z
 \end{array}$$

5. Artists' Frames

Divide this square into 16 parts so that each will contain the name of a famous painter. Each name will read from left to right, line by line, as in the example, MAGRITTE.

M	A	G	T	O	U	L	T	I	D	E
R	I	T	O	U	S	E	T	I	A	G
M	I	T	E	C	L	A	U	T	N	A
C	H	E	E	Z	S	E	R	E	C	S
L	A	A	N	N	U	R	A	T	R	U
N	G	P	I	E	R	R	E	B	E	N
E	L	O	C	A	A	N	O	I	R	S
V	A	N	G	S	P	H	A	G	A	U
O	G	H	M	S	O	E	L	B	G	U
A	T	I	S	M	A	O	T	T	I	I
S	E	N	E	T	C	E	L	L	I	N

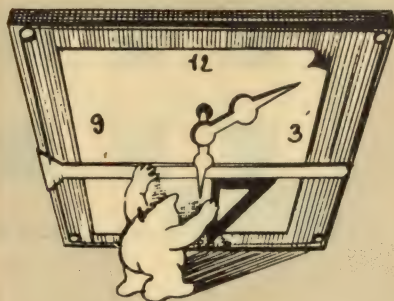
4. Family Relations

If LEAH is LOUIS's sister,
if CLARISSE is BRUNO's sister,
and if MAUD is CHRISTOPHER's sister—
then who is HAMILTON's sister—

IRENE, CLAIRE, SUE, or PEGGY?

6. A Matter of Time

Timothy observes the hour and minute hands of a clock during a period of 24 hours. How many times are the hands at right angles?



7. Changing Places

These six words belong to the same logical family:

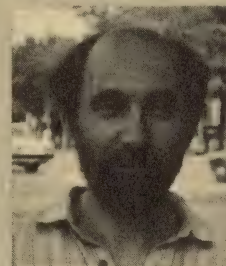
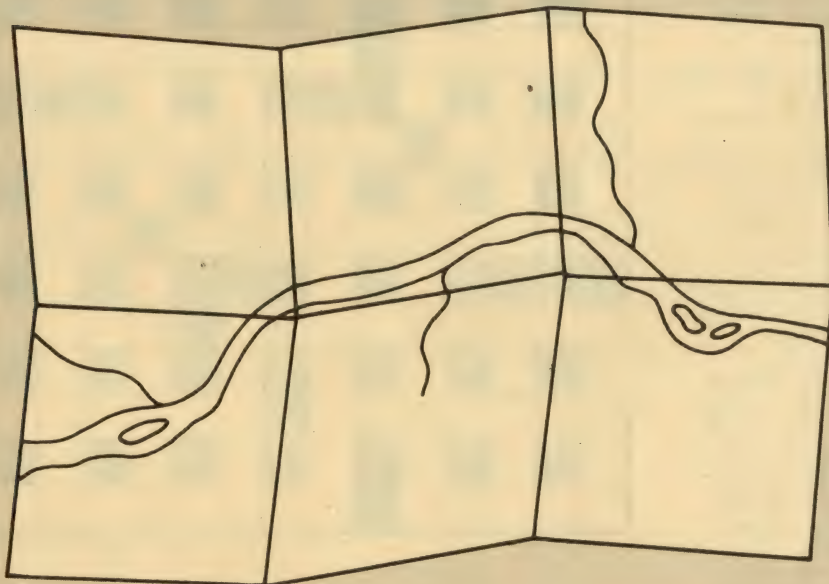
IRON
TRANCE
STAIN
CHIME
TUBA
PERK

Which of these words does, too?

EMBARGO
BANANA
GERMANE
NIGHTMARE

8. Close Call!

Timothy uses a road map that contains three folds (as shown below), each of which can be folded either forward or backward. In how many different ways can Timothy close the map?



One of the world's most ingenious and prolific puzzlemakers, Pierre Berloquin took up his vocation almost by chance. Born in Tours, France, in 1939, he trained for a career as an operations research engineer, graduating at age 23 from the Ecole Nationale Supérieure des Mines in Paris. Two years later, after a brief stint at a Paris advertising agency, he turned to freelance writing and game inventing, which he has been doing ever since.

From his apartment located just a block from the Champs Elysées in Paris, Berloquin manages many projects at once, juggling ideas as easily as he does numbers and words. He is currently devising games for France's innovative screen telephone system, which will allow game enthusiasts all over the country to link their phones and play together from their homes. He also invents computer games, is planning a national game museum, and, in his spare time, serves on a council to improve Paris's Métro (subway) stations.

Berloquin is well known to puzzle and game enthusiasts for a wide range of writings. A column on "Games and Paradoxes" appears monthly in *Science et Vie* ("Science and Life"). For many years he conducted a mathematical problems department in Paris's leading newspaper, *Le Monde*. And he is the author of more than 20 books of and about puzzles and games, several of which have been extraordinarily successful in France. Three of his collections have been translated into English and published in the United States (*100 Numerical Games*, *100 Logic Games*, and *100 Geometric Games*). A fourth book, to be called *The Paris Puzzles*, is scheduled to be published here in the spring of 1985.

The puzzles at left have been selected from several Berloquin books.

—W. S.

Cryptic Crossword ★★★

by Toni Green

The Warm-Up Puzzle at right contains all the basic types of clues you're apt to encounter in a cryptic crossword. Like all cryptic clues, each contains two parts: a direct or indirect definition of the answer and a second description of the answer through wordplay. The first step in solving a cryptic clue, and a great part of the fun, is to determine the dividing point between the parts. Consider some sample clues:

"Eerie tune had tormented (7)." This is an example of an anagram. The letters in the words "tune had" can be rearranged to spell the answer, HAUNTED, which is defined as "tormented." The word "eerie" indicates that the adjacent letters are to be rearranged. An anagram clue always contains a word or phrase (like "crazy," "reorganized," or "in a heap") that suggests mixing or poor condition.

"Bring in mongrel (5)." Here you must join two short words to form the answer—IN, given directly in the clue, and CUR, defined as "mongrel." The result is INCUR, defined as "bring." This is known as a charade clue.

"Competitor in tournament ran third (7)." The answer, ENTRANT ("competitor"), is literally found in the letters of "tournament RAN Third." This is an example of a hidden word.

"Surf is bound to be heard (4)." "Bound" is TIED, which, when heard, sounds like the answer, TIDE ("surf"). Homophone clues like this are indicated by words like "we hear," "listen to," or "oral."

More hints on clue solving have appeared in previous issues. If you are new to cryptic crosswords, start with the Warm-Up Puzzle at right and refer to the Answer Drawer for explanations.

Warm-Up Puzzle For New Solvers ★

With detailed
explanations in
Answer Drawer, page 58

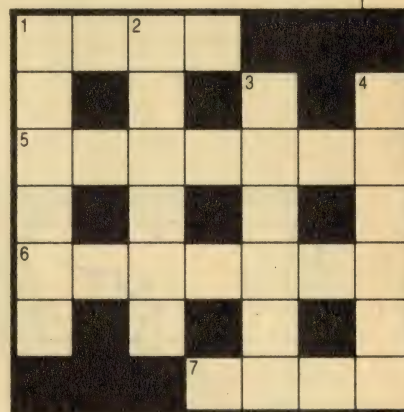
by Emily Cox and Henry Rathvon

ACROSS

- 1 Travel to Italy's capital, reportedly (4) *homophone*
- 5 Prisoner keeps lips red (7) *container*
- 6 First, a minaret shows endurance (7) *hidden word*
- 7 Monster, therefore, returned (4) *reversal*

DOWN

- 1 Break from schoolwork depression (6) *second definition*
- 2 Beast in Manila going wild (6) *anagram*
- 3 Begging for topless sunbathing (6) *beheadment*
- 4 Tavern had a meal for native (6) *charade*

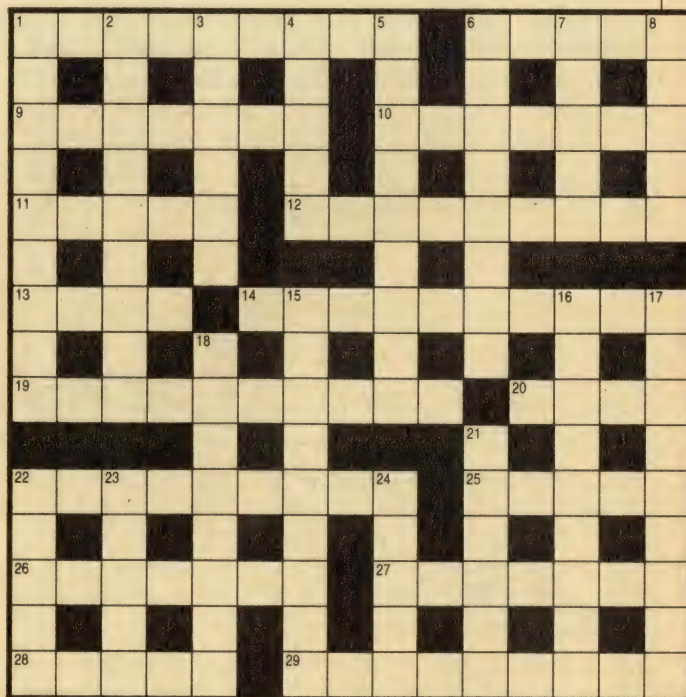


ACROSS

- 1 Cocktail server shows skill in drinking spree (9)
- 6 Don turned up with heavy weight (3,2)
- 9 Fit for occupancy—likely to house five (7)
- 10 Racers move to crags (2-5)
- 11 A shout from behind lane (5)
- 12 Floor accepts a Pharaoh by legislative law (9)
- 13 I'd spoken and watched (4)
- 14 Pacino to understand the woman completely (10)
- 19 Investigated and read *Cheers* in rough draft (10)
- 20 Instrument is sharp, missing its lead (4)
- 22 Complain about garbage to redhead (9)
- 25 Father ruffled drape (5)
- 26 German police using foreign postage (7)
- 27 Eccentric peer got pupil (7)
- 28 Listen to Frost poem (5)
- 29 Foolish pursers I'd caught off guard (9)

DOWN

- 1 Party (stag) includes a minstrel (9)
- 2 Arms of lover raised . . . poetry without end (9)
- 3 Wind bore my seed (6)
- 4 Maneuver led us into sword fights (5)
- 5 Gobbledygook has a girl more confused (9)
- 6 Imagines flaky piecrust (8)
- 7 Part of the body examined in doctor's office (5)
- 8 An upset piggery is foul (5)
- 15 Spots lions eating overturned Mexican dish (9)
- 16 He put mailing information on Indian chief's garb (9)
- 17 Criticize Ruby holding her pen incorrectly (9)
- 18 Wise man describing terrible boat wreck (8)
- 21 United Arab Republic seizing professional racket (6)
- 22 Cheroot in pocket of Pucci garment (5)
- 23 Grating is right over a secret agent (5)
- 24 Gazette is through covering A&P (5)



Answer Drawer, page 61

Analograms ★★

by Jules Roth

In the statement "CAT is to KITTEN as DOG is to PUPPY," the first two items, CAT and KITTEN, bear a relationship that is shared by the second two, DOG and PUPPY. In the puzzle below, 20 more analogies await completion. The first two words of each analogy appear at the left. The 40 words that go in the blanks

to complete them are arranged alphabetically in the column at the right. Each of the words in the column will be used exactly once, so you may cross them off as you proceed. A word of warning: Keep your mind flexible; some of the relationships are completed in unexpected ways.

Answer Drawer, page 62

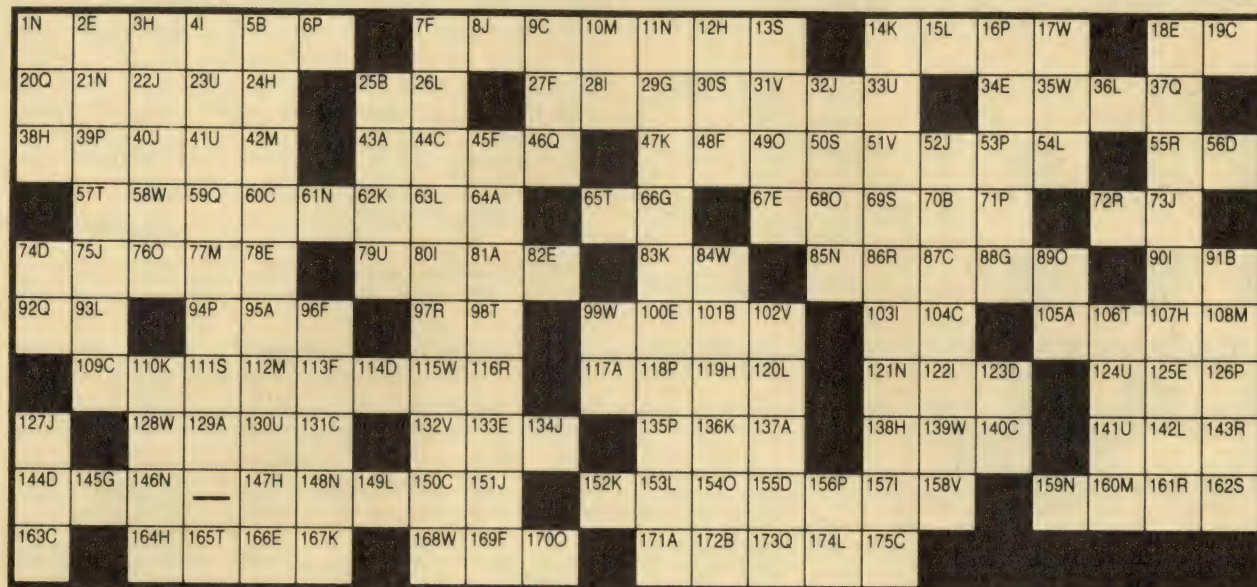
- | | | |
|--------------------------------------|-------------|------------|
| 1. ANKLE is to FOOT as _____ | is to _____ | AIRPLANE |
| 2. FLOCK is to BIRD as _____ | is to _____ | BANK |
| 3. CURB is to STREET as _____ | is to _____ | BAT |
| 4. BAKER is to DOUGH as _____ | is to _____ | BATON |
| 5. WORM is to FISHHOOK as _____ | is to _____ | BAY |
| 6. WAND is to MAGICIAN as _____ | is to _____ | BEAR |
| 7. SEE is to SAW as _____ | is to _____ | BILL |
| 8. STATIC is to RADIO as _____ | is to _____ | BORE |
| 9. RACKET is to COURT as _____ | is to _____ | CALLBOX |
| 10. CROW is to ROOSTER as _____ | is to _____ | CHEESE |
| 11. CAR is to GARAGE as _____ | is to _____ | CLAY |
| 12. CUP is to GOLF as _____ | is to _____ | CONDUCTOR |
| 13. SERGEANT is to ESTRANGE as _____ | is to _____ | DIAMOND |
| 14. PIG is to SNOUT as _____ | is to _____ | DROP |
| 15. CRACK is to CHINA as _____ | is to _____ | DUCK |
| 16. FLAKE is to SNOW as _____ | is to _____ | ENLARGE |
| 17. PEA is to QUEUE as _____ | is to _____ | FISH |
| 18. RAZOR is to BEARD as _____ | is to _____ | GENERAL |
| 19. WONDER is to UNDERWAY as _____ | is to _____ | HAND |
| 20. PITCHER is to CATCHER as _____ | is to _____ | HANGAR |
| | | MOUSETRAP |
| | | PILLBOX |
| | | POCKET |
| | | POOL |
| | | POTTER |
| | | RAIN |
| | | RIVER |
| | | RUN |
| | | SCHOOL |
| | | SCYTHE |
| | | SNOW |
| | | STOCKING |
| | | TEA |
| | | TELEVISION |
| | | WEEDS |
| | | WOLF |
| | | WRECKS |
| | | WRIST |
| | | X-RAY |
| | | YOU |

Double Cross ★★

by Michael Ashley

Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading from left to right. Black squares separate

words in the quotation. Work back and forth between grid and word list to complete the puzzle. When you are done, the initial letters of the words in the word list will spell the author's name and the source of the quotation. *Answer Drawer, page 64*



- | | |
|---|---|
| <p>A. Christy _____, 1936 baseball Hall of Famer
105 95 117 129 171 43 64 81 137</p> <p>B. Dismount from a horse
172 70 101 5 91 25</p> <p>C. Person always fashionably dressed
109 60 87 131 175 44 163 150 104
9 140 19</p> <p>D. Weak, infirm
56 74 123 114 155 144</p> <p>E. Pharmacist, in England
125 82 166 34 133 2 67 100 18 78</p> <p>F. Garbage; exclamation of disgust
45 48 7 27 113 96 169</p> <p>G. Hay storage area
29 88 66 145</p> <p>H. Concluding commentary in a book
119 164 38 147 12 138 3 107 24</p> <p>I. Gale of polar air
103 157 4 90 122 28 80</p> <p>J. Tied, as a score (hyph.)
134 75 52 127 22 151 40 32 8 73</p> <p>K. Spaghetti sauce ingredient
152 136 14 47 110 62 82 167</p> <p>L. Causing great surprise
36 54 174 26 63 142 93 15 153
120 149</p> | <p>M. Sea nymph
10 42 77 108 160 112</p> <p>N. Openness to multiple interpretations
11 159 85 148 1 21 61 121 146</p> <p>O. Space _____ (Seattle tourist site)
49 68 76 89 154 170</p> <p>P. Diner employee
53 156 135 39 94 16 71 118 6 126</p> <p>Q. Article of very little value
37 173 92 20 59 46</p> <p>R. Rowdy, disorderly person
97 116 161 86 72 55 143</p> <p>S. Omitted a sound in pronunciation
111 69 30 13 162 50</p> <p>T. Clement C. _____, author of <i>A Visit from St. Nicholas</i>
57 65 106 165 98</p> <p>U. Longed for
124 23 130 41 141 33 79</p> <p>V. General course of events
132 51 31 158 102</p> <p>W. Feature of some fancy dives (2 wds.)
35 139 115 84 168 17 58 99 128</p> |
|---|---|

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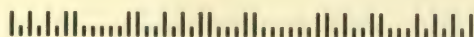
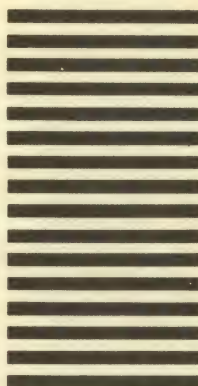
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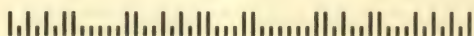
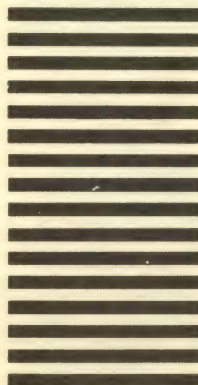
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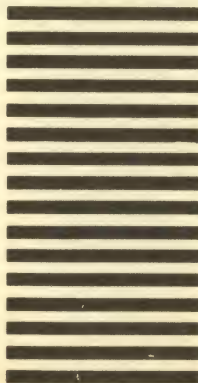
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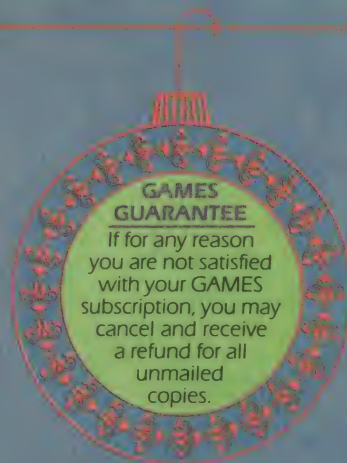
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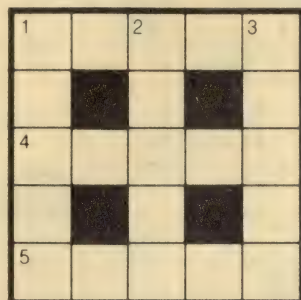
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Crosstied ★★

by Frances Yang

In a regular crossword the answer to each clue is written directly in the grid. In this puzzle, however, you must enter an *anagram* of the answer. For example, if the clue for 1-Across were "concerns," you might think of the five-letter word CARES, and rearrange the letters to spell SCARE, ACRES, or RACES. The letters of the crossing words would tell you which one is correct.

Answer Drawer, page 61



ACROSS

- 1 Bog or fen
4 Stove
5 Discolor, as clothing

DOWN

- 1 Dog strap
2 Circumference of the waist
3 Lightly wash with water

Cut-Ups ★★

by N.M. Meyer

Find the names of 12 famous people in the columns of letters below by successively picking one pair of letters from each column, A through E. Each answer will read in order from left to right, as in the example, CLARK GABLE. Every pair of letters will be used exactly once, so you may cross them off as you proceed.

Answer Drawer, page 61

A B C D E

Ex. ~~OX~~ OR UR LL BY CLARK GABLE

1. WO LY RE BU HE _____
2. LI TT TH ~~AB~~ ER _____
3. AR UL YL VI DD _____
4. ER NG ED RI RE _____
5. LE LP YA ML IS _____
6. GE GH RE LA SH _____
7. BI ~~AR~~ OB ER NO _____
8. PA ER GE AS AN _____
9. RA IC TO OS ~~LE~~ _____
10. BE TH CR AD IN _____
11. CH OD ~~KG~~ AV EN _____
12. HU ET HN VE ED _____

FOLD THIS PAGE

The World's Most Ornerly Crossword

by Merl Reagle

A Night at the Movies

The crossword on this and the next two pages has two independent sets of clues: "Hard" and "Easy." First, fold this page back on the dashed line so the clues below face the solving grid on page 39. If you use only the Hard Clues (appearing below and continuing under the grid), you'll find the puzzle uncommonly challenging. If you want help, or prefer a less severe challenge, open to the Easy Clues (tucked in beneath your fold on page 38).

Hard Clues ★★★

ACROSS

- 1 Monty Hall offering
5 Designer from Naples
10 Form opinions
16 Answer at a French roll call
19 '60 chiller about cinema escorts?
22 '51 adventure about the folks sitting in front of you?
24 '67 thriller about pre-movie time?
25 '48 comedy about color quality?
27 Formicary dweller
28 Rex Harrison's son
29 Congressional period: Abbr.
31 Vaccine type
32 Out-of-state licenses?
33 Where to find baked blackbirds
36 Schisms
38 Misspelling, e.g.
40 Gangbuster Eliot
41 '76 comedy about sound quality?
43 James, of *Giant*
44 Unconvincing
47 Ultimate goal
48 Manipulative type
49 Upon: Prefix
50 A *Confederacy of Dunces* author
52 Mad, in Marseilles
55 Burns, for one
57 Lofty
60 '66 spy drama about cinema decor?
63 Go bankrupt
66 Number of Roman hills
68 Egypt, formerly
69 '83 drama about cinema air conditioning?
70 Consent
72 '81 comedy about print quality?
76 Has permission
77 Oddly unexplainable
78 '70 drama about a nearby film fan?
80 "Oh, sure!"
82 Freeboots
84 European finch
85 Drop ____ (act coy)
86 ____ *de vie* (brandy)
87 Kyushu coin
88 Nature-film producer Ivan
89 '77 drama about a trip to the candy counter?
95 Ump's decision
98 Farm sound
99 Toreador's encouragement
100 Tonga neighbor
101 Board
105 Veteran TV actor Frank
107 Bern's river
109 '62 comedy about ticket prices?
111 Spectacular stars
112 Flip ingredient
113 '71 comedy about the cinema floor?
115 Mollify
116 '77 drama about a cinema screening time?
120 *Avril* follower
121 Expwy., e.g.
123 Tour de France vehicle
124 '47 drama about the aisle?
125 "____ kidding!"
128 Red river?
130 WWII spy org.
131 Von Bismarck et al.
132 Monokini's missing part
134 Melville megalomaniac
136 Rickles specialty
140 School grps.
141 Be "it," in a game
142 '70 comedy about a popcorn-getting errand?
144 "____ boy!"
147 *Mr. Deeds* director
149 Screeches
150 Hellish
151 Magna ____
153 European blackbird
154 Try finger-painting
156 Do follow-up?
158 Bilko, e.g.
159 With 166-Across, a '46 drama/'39 comedy double feature about a late arrival at the theater?
162 '83 comedy about pleasing one's date?
166 See 159-Across
167 '64 comedy about a date's request?
168 Ms. emenders

The World's Most Ornerly Crossword (Continued)

Don't Peek Until You Read Page 37!



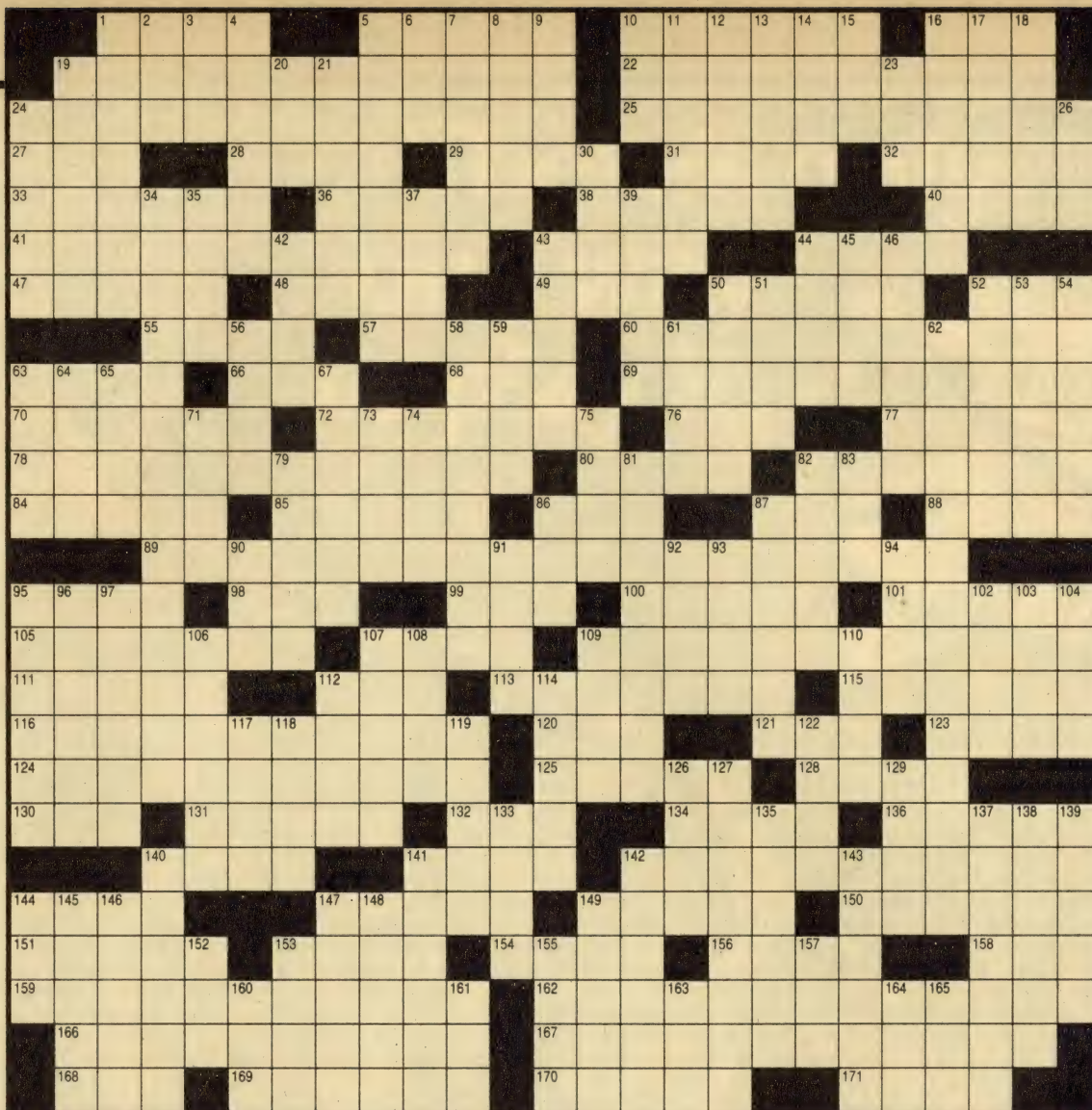
Easy Clues ★

ACROSS

- | | | | | | |
|---|--|---|--|---------------------------------------|--|
| 1 Way in or out | 72 1981 Bill Murray comedy | 136 Kind of beef | 5 Catch up (with): 2 wds. | 52 ___ middling (so-so): 2 wds. | 108 Very excited |
| 5 Designer Emilio | 76 Spring month | 140 School orgs. | 6 Dakota campus, for short | 53 More greasy | 109 Moslem leader (MAIM anag.) |
| 10 Form concepts | 77 Strange | 141 Hunt for | 7 Pure | 54 In any case other than that | 110 Belgian river (RYES anag.) |
| 16 Here: Fr. | 78 1970 Truffaut drama: 3 wds. | 142 1970 George Segal comedy: 2 wds. | 8 Goddess of agriculture (in SORCERESS) | 56 ___ Knievel | 112 Old gasoline brand |
| 19 1960 Vincent Price chiller: 3 wds. | 80 Disbelieving comment: 2 wds. | 144 "___ boy!" ("Way to go!") | 9 Bothers | 58 "A Bicycle ___ Two": 2 wds. | 114 Eskimo boat |
| 22 1951 Burt Lancaster adventure: 3 wds. | 82 Pittsburgh team | 147 Film director Frank | 10 Communications giant: Abbr. | 59 Sgt. Friday's police force: Abbr. | 117 "Farewell!" |
| 24 1967 Hepburn-Arkin scarer: 3 wds. | 84 Canarylike bird (REINS anag.) | 149 Loud, harsh cries (PAY US anag.) | 11 Remove antlers | 61 Sighing phrase: 2 wds. | 118 Rough guesses: Abbr. |
| 25 1948 Bob Hope comedy: 2 wds. | 85 "Give me ___" (guesser's request): 2 wds. | 150 Of the Underworld (AHEAD + N anag.) | 12 January: Sp. (RONEE anag.) | 62 1973 Vincent Price chiller: 3 wds. | 119 German sociologist Max |
| 27 Termite's kin | 86 Water: Fr. | 151 Magna ___ | 13 Equal in value: 2 wds. | 63 Domino of rock 'n' roll | 122 Toothpaste container |
| 28 Christmas carol | 87 Certain legislator: Abbr. | 153 European blackbird (in HAMMERLOCK) | 14 South African language (ALTA anag.) | 64 Dull pain | 126 Hawaiian island |
| 29 Conference: Abbr. | 88 Craggy peaks (SORT anag.) | 154 Smear | 15 Building wing | 65 Cake finisher | 127 In ___ of one's life: 2 wds. |
| 31 Uttered | 89 1977 Diane Keaton chiller: 4 wds. | 156 Do, ___, fa: 2 wds. | 16 Answer to "How are you?": 2 wds. | 67 Pelvis parts (HIS CIA anag.) | 129 Harp: Ital. (PAAR anag.) |
| 32 Foreign traveler's papers | 95 Phone | 158 Sergeant, for example: Abbr. | 17 ___ and desist | 71 Flintstones pet | 133 Took in a book |
| 33 "... blackbirds baked ___": 3 wds. | 98 Lamb's cry | 159 1946 Orson Welles melodrama: 2 wds. | 18 Pizarro conquered them | 73 Gaunt | 135 Detective Lupin (RANEES anag.) |
| 36 Monthly payments | 99 Bullfight cheer | 162 1983 Eddie Murphy comedy: 2 wds. | 19 ___ Caulder (1971 Raquel Welch film) | 74 Boxing arena | 137 Push ___ (edit): 2 wds. |
| 38 Booboo | 100 Pago Pago's island | 166 1939 Eddie Albert comedy: 3 wds. | 20 ___ 60 (acceleration stat): 2 wds. | 75 Thailand, formerly | 138 At intervals |
| 40 Loch ___ | 101 Breakfast and lunch, e.g. | 167 1964 Dean Martin comedy: 3 wds. | 21 Threats: Sp. (SIRE OF anag.) | 79 Senegal's capital (ARK AD anag.) | 139 New Mexico Indians (ASTON anag.) |
| 41 1976 Mel Brooks comedy: 2 wds. | 105 "Take ___" (boss's request): 2 wds. | 168 Sullivan and Koch | 22 Bible book: Abbr. | 81 Enters unexpectedly: 2 wds. | 140 Cline and Kelly |
| 43 College honcho | 107 Swiss river (AREA anag.) | 169 "You ___ blame yourself ..." | 24 Belt location | 82 Accelerator, e.g. | 141 Lymphatic organ |
| 44 Crippled | 109 1962 Jerry Lewis comedy: 3 wds. | 170 "... lady who lived in ___": 2 wds. | 26 Double curve | 83 Bach's "Capriccio ___": 2 wds. | 142 "The ___ Cannonball" |
| 47 Ultimate goal (STOLE anag.) | 111 Exploding stars | 171 Russian city (ROLE anag.) | 30 Ooze | 84 Before, to Shakespeare | 143 ___-shore radio |
| 48 ___-friendly (uncomplicated) | 112 Omelet need | | 34 1951 Cary Grant comedy: 3 wds. | 87 Earlier | 144 Play part |
| 49 Prefix with "taph" or "gram" | 113 1971 Albert Finney crime comedy | | 35 ___ many words: 2 wds. | 90 Abode, to a Cockney | 145 California lake |
| 50 Actor Peter O'___ | 115 Make malleable | | 37 Actor Robert De ___ | 91 Cassini of fashion fame | 146 Inclination |
| 52 Mad: Fr. (UFO anag.) | 116 1977 Carney-Tomlin detective drama: 3 wds. | | 39 Singer Bonnie | 92 Serious cut | 147 Pennies |
| 55 Versifier | 120 ___ tai (cocktail) | | 42 Philadelphia conductor Riccardo | 93 Melville novel (in TWO MOONS) | 148 Occupational language |
| 57 Valiant | 121 Highway: Abbr. | | 43 Farm equipment pioneer John | 94 Bullets, for short | 149 Andropov and Gagarin |
| 60 1966 Paul Newman spy adventure: 2 wds. | 123 Two-wheeler | | 44 Mathematical point systems (COIL anag.) | 95 Is unable to solve: 2 wds. | 152 From ___ Z: 2 wds. |
| 63 Flunk out | 124 1947 Bogart drama: 2 wds. | | 45 Chug-___ | 96 Greetings from 126-Down | 153 Japanese merchant ship (ARUM anag.) |
| 66 Seven, to Caesar | 125 "___ that kind of girl!": 2 wds. | | 46 Songwriter Johnny | 97 Voting booth pulls | 155 Aleutian island (in GREAT KAYAKS) |
| 68 Egypt, once: Abbr. | 128 Russian river | | 50 Trick's alternative | 102 Against | 157 British sports cars |
| 69 1983 relationship drama: 3 wds. | 130 CIA's predecessor | | 51 "Walk ___" (Dionne Warwick hit): 2 wds. | 103 Onionlike plant | 160 Grog liquor |
| 70 Give in (to) | 131 Director Preminger and others | | | 104 "Auld Lang ___" | 161 Q followers |
| | 132 Bikini top | | | 106 Tempest in a ___ | 163 British military award: Abbr. |
| | 134 Moby Dick's chaser | | | 107 Turkish rulers (A SHAG anag.) | 164 Old Scandinavian trumpet (in ALLURE) |
| | | | | | 165 Simian |

DOWN

- 1 Handle everything: 3 wds.
 2 Ump's call
 3 Columbus university, for short
 4 Milk-curdling extract (TENNER anag.)



Hard Clues (cont'd)

Answer Drawer, page 62

- 169 Better, not
170 "... ____ was
lost"
171 Turgenev's
birthplace

DOWN

- | | | | | | |
|-----------------------------------|---|---|------------------------------------|---|-------------------------------|
| 1 Try everything | 20 Certain Siouan | 45 Words after
"chug" | 67 Pelvis bones | 103 Soup veggie | 138 Like so |
| 2 On a break | 21 Pontiac sports | 46 "Moon River"
writer Johnny | 71 Producer de
Laurentis | 104 Last word of a
New Year's tune | 139 Pueblo Indians |
| 3 Buckeyes' sch. | 22 Models | 50 Foot the bill | 73 Svelte | 106 Dome of scandal | 140 The animal
Oscars |
| 4 Calf's fourth
stomach | 23 Trotsky's real
first name | 51 "Walk ____,"
Dionne Warwick
hit | 74 Buzz, in a way | 107 Ottoman VIPs | 141 Bad temper |
| 5 Close the gap, in
racing | 24 Obi's place | 52 "It's ____
say ..." | 75 Where Anna
visited | 108 Het up | 142 Terre Haute's
river |
| 6 Coyotes' sch. | 26 Lisper's bane | 53 More
unctuous | 79 Senegal city | 109 Mosque leader | 143 Mailing
instructions |
| 7 Unsuited | 30 Filter (through) | 54 Qualifier word | 81 Interrupts,
perhaps | 110 River of WWI
note | 144 Take steps |
| 8 Largest asteroid | 34 '51 comedy
about viewing
conditions? | 56 First name
of a famed
daredevil | 82 Part of
123-Across | 112 That guy in
Milan? | 145 Resort lake |
| 9 Nettles | 35 ____ many words | 58 "____ comfort"
(car-ad claim) | 83 Like Bach's
"Capriccio" | 114 Kayak's kin | 146 Drift |
| 10 Addams family
cousin | 37 Robert De ____ | 59 Sg. Friday's
employer | 86 Before, of yore | 117 "Toodle-oo" | 147 Miser's worries |
| 11 Do a cattle-ranch
operation | 39 Singer John of
<i>The Pajama
Game</i> | 61 Words of worry | 87 Oklahoman | 118 Exaggerator's
suffixes | 148 Journalese, e.g. |
| 12 Month <i>numero
uno</i> | 42 Conductor
Riccardo | 62 '73 chiller about
many PG films
these days | 90 Andy Capp's
abode | 119 Magnetic flux
unit | 149 Gagarin's
namesakes |
| 13 Stable, as
market value | 43 Farm equipment
name | 63 Jazz star
Waller | 91 First name in
fashion | 122 Poster mailer | 152 ____ Z |
| 14 Afrikaans | 44 Point systems | 64 Longing | 92 Big cut | 126 Vacation isle | 153 Japanese
merchant ship |
| 15 Try square shape | | 65 Pastry
apprentice | 93 Melville novel | 127 ____ of Miss
<i>Jean Brodie</i> | 155 Aleutian island |
| | | | 94 Peas and spit
wads, perhaps | 129 Angel's
instrument, in
Florence | 157 British
roadsters |
| | | | 95 The Beatles'
"You ____ That" | 133 Have a novel
experience? | 160 Daiquiri need |
| | | | 96 Hilo hellos | 135 Leblanc's Lupin | 161 QU links |
| | | | 97 Operators' sticks | 137 Push ____ (do
desk work) | 163 Honor for an
RAF'er |
| | | | 102 Debate side | | 164 Bronze Age
trumpet |
| | | | | | 165 Copycat |

Skeleton Keys ★★

by Kathy Kesting

We've got a bone to pick with you. Pictured on this page are the skeletons of 14 modern-day animals for you to identify. Since they all came out of the closet without their skin, fur, or facial features, they may be hard to recognize; but if you use

clues such as number of feet, size of head, characteristic standing position, and so on, you should soon feel the answers in your bones. Hint: There are no fish and no insects.

Answer Drawer, page 58



A black and white photograph of a man in profile, playing a saxophone. He is wearing a dark shirt and a patterned jacket. The saxophone is a tenor saxophone, and the man is looking down at it as he plays. The background is dark and out of focus.

There's only one way to play it.



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the taste is Kool. At any 'tar' level,
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NO PLACE LIKE ROME★★





Rome is where the heart is, if your heart happens to be in Italy, Georgia, Illinois, or upstate New York. Many of the world's great cities have a U.S. counterpart—an American “sister city” of the same name if lesser grandeur.

So where are you when you're in Amsterdam and the closest town is Belgrade? Did you know that it's a short drive from Melbourne to Oslo?

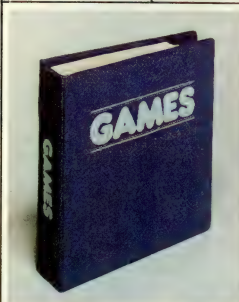
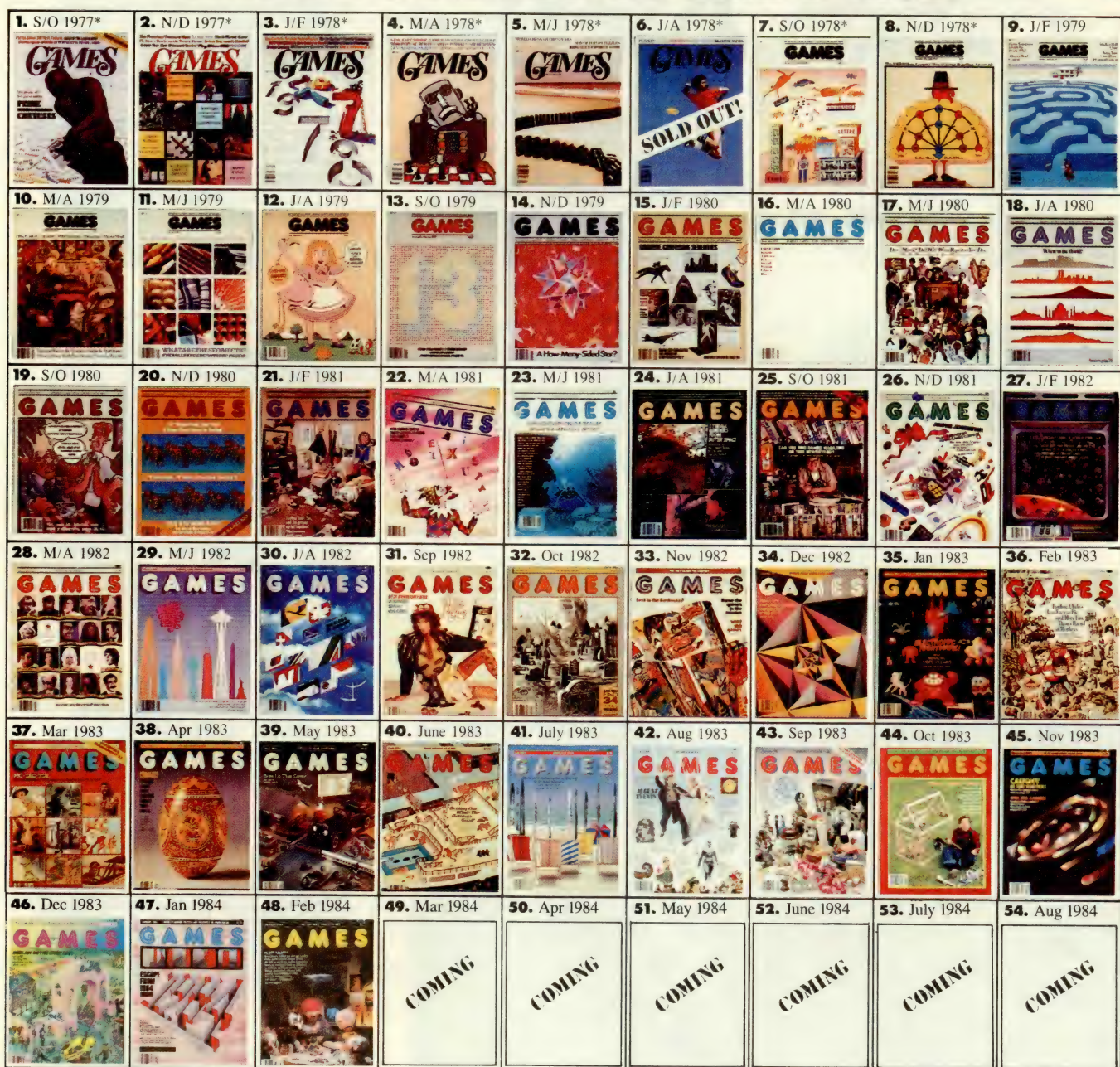
The names of the cities highlighted in the map sections are borrowed from all over the world. Can you identify their proper states? *Answer Drawer, page 64*



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B1A4

A COMIC STRIP TEASE

Puzzle by Mark Mazut

Leapin' lizards—something “funnies” going on at this Sunday morning outing. These cartoon characters just don't seem to be all there. But anyone who turns to *Peanuts* and *Blondie* in the Sunday paper before checking on the zany exploits of Reagan and Chernenko will have no trouble recognizing Popeye's spinach-fortified arms and Little Orphan Annie's blank stare. There are 37 such components in this cartoon conglomeration, representing 26 different comic strips. How many can you name? *Answer Drawer*, page 60

GOOD
GRIEF!

☆☆

THE KING
IS A
FINK!

ARE!

WORMS



SON OF TODDLER

More Exercises in Creative Problem-Solving



Did you hear the one about the traveling salesman? It seems his car overheated in a rural area and needed water. Up ahead was a well in front of a farmhouse, but guarding it was a ferocious dog tethered to a tree.

Problem: to get water from the well without being mangled by the dog.

Solution: The salesman simply walked around the tree several times, just out of reach of the dog, who chased him, barking madly. With each circuit, the dog's chain wound around the tree, until finally it was short enough to keep the dog from reaching the well.

That story perfectly captures the idea of creative problem-solving—the flash of inspiration that produces an elegant solution to a seemingly impossible dilemma. In the *MARCH GAMES* ("If You Can't Take the Toddler, Get Into the Playpen," page 44), we offered nine such predicaments in puzzle form. We also invited readers to send in their own examples of dilemmas that had been resolved by Solomonlike strokes of ingenuity, promising T-shirts for any we printed.

The mail soon began arriving, filled with personal anecdotes, possibly apocryphal tales, well-known classics of ingenuity, and newspaper clippings.

Jim Trammel, of Nashville, TN, wrote in with "an insightful solution" he discovered at the age of 10, when he and his brother, then 8, were always squabbling over who got the bigger share when something was divided between them. The solution, familiar to game players as the "pie rule," was to have one brother do the dividing and the other choose which share he wanted. "Not knowing which half he'll get, the divider will not short-change either side," wrote Trammel.

Then there's the story, told by Polly Crabtree, of Hendersonville, NC, of the young mother who every morning had

to rethread the string that her small son enjoyed pulling out of his pajama trousers every night. Her solution did nothing to cramp the little guy's style, but it sure saved time. She would wet the string, shape it into a large C, and put it in the freezer for a few hours. When frozen solid, it was a cinch to thread back into the pajamas.

Worried about burglars? Take a hint from the following idea, which we received in a few different versions. A merchant who'd been burglarized a number of times posted a sign in his store window that read, "This store guarded by shotgun 3 nites a week. You guess which 3 nites."

Susan St. Pierre, of North Adams, MA, told us about her dog Lucky, who loves to ride in the family car. One night the family was awakened by Lucky's frantic barking—he had treed a raccoon in the front yard. From experience, St. Pierre knew that calling, whistling, or cajoling would do no good. So: "I grabbed my car keys, raced outside, and backed the car down the street within sight of Lucky, who immediately ran up to it. I opened the door, and when he jumped in, I drove him back into the driveway, where I leashed him and brought him inside."

And finally this story, submitted by Hilda E. Barris, of Atlantic City,

NJ. A doctor, testifying in court, was asked to prove that he could estimate time accurately. "Starting now," said the lawyer, "tell me when you think two minutes have elapsed." How did the doctor do it? By taking his own pulse, which he knew beat 72 times a minute.

Would you have solved these problems so creatively? Here's your chance to find out. Try to place yourself in each of the following situations, and think of what you might have done to solve them. Then compare your answers with the real solutions in the Answer Drawer, page 62. —B.H.



HALF AND HALF

A young woman was on a diet under the strict supervision of her husband. One day, to surprise him, she baked his favorite dessert, banana cream pie. At dinner he ate two pieces as she looked on enviously, and the next day he came home from work to eat two more for lunch, thereby demolishing half the pie. As soon as he had gone back to work, the woman yielded to temptation and nibbled a little of the pie, then a little more, until finally the whole pie was gone. What did she do to keep her husband from knowing, when he got home that evening, that she'd been cheating on her diet?

Christine Molchan
Southgate, MI

HOME AGAIN

When my parents moved to Florida recently, they bought a condominium in a new section of duplexes that all look exactly alike. The first time I flew down to visit them, I borrowed their car to call on friends in the area, but when I returned at 2 A.M. I couldn't remember which of the identical, remote-controlled garage doors belonged to my parents' duplex. I wouldn't think of waking them at that hour with a phone call, and their address was not yet listed in the phone book. But as I sat in the car I had an idea. What did I do to find the right house?

Rich Jordan
Memphis, TN

OUT TO LUNCH

For many years I was in the habit of preparing my next day's lunch the previous evening, wrapping it carefully and placing it on the top shelf of the refrigerator. But often I would drive to work the next morning and realize when I got there that I had forgotten it. What foolproof way did I find to remind myself to take my lunch?

Teresa L. Butchke
South Amherst, OH

DIAL H-E-L-P

You know how frustrating it is when you're in a department store and there's no sales help around? Once I waited 10 minutes for a salesperson, asking everyone I saw whether they worked there and always getting the response, "No, I was hoping *you* did." Finally, spotting two telephones near the cash register, I had an inspired idea. What was it?

Freda Curchack Marver
Minneapolis, MN

UP THE OLYMPICS

According to an item in the newspaper *USA Today*, the six members of the U.S. luge team at the Sarajevo Winter Olympics faced a dilemma in the athletes' dormitory that was as tricky as any they encountered in the chutes. Near the elevator was a sign in Serbo-Croatian warning that the elevator had a four-person limit. In a hurry and unable to read the sign anyway, all six team members piled in, and sure enough the overloaded elevator got stuck between floors on its way up. What bit of teamwork did they devise to get out of their predicament?

Frank Pytlik
Rialto, CA

SANTA'S LITTLE HELPER

A mason agreed to build a chimney on a house belonging to a man who was known as a bad credit risk. Although he'd been paid half his fee in advance, the mason knew he'd have trouble collecting the balance when the job was completed. So he "turned off" the chimney and told the man that it would be "turned on" again when the bill was paid. Refusing to believe that a chimney can be "turned off," the man tried to use his fireplace—and his house promptly filled with smoke. What had the mason done to the chimney? And how did he "fix" it with a single brick once his bill was paid?

Joe Celko
Atlanta, GA

STOP, THIEF

A friend of ours named Mike recently went to buy a new car with the \$1,000 down payment in a satchel on the front seat of his old car. When he stopped for a red light, a thief reached in the open window, grabbed the bag, and ran off down the street.

Despite the heavy traffic, what did our friend do to get his bag back with the money untouched?

Linda Gronberg-Quinn
Owings Mills, MD

WORDFINDER

A high school teacher wanted to expand her students' vocabularies and at the same time get them in the habit of reading the newspaper. She gave them a list of 15 hard words and promised an A for the term to any student who found them all in a single issue of the local paper. In what unexpected way did the students meet the challenge?

Sheryl Gallaher
Manhattan, IL



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GAMES & BOOKS

Edited by R. Wayne Schmittberger

Wizard by S.A. Moore and Steven Luedders (Progressive Peripherals & Software; on disk for Commodore 64; \$39.95)

Like a growing number of other computer programs, this magnificent climbing maze is both a game and a construction set. In each of 40 mazes, your character, a wizard, must pick up a key (by touching it) and carry it to a keyhole, whereupon a more difficult maze appears. You work against a timer; the sooner you bring the key to the keyhole, the more bonus points you earn. But for really high scores (and extra lives at each 10,000 points), you must also pick up the treasures strewn about the maze by running around walkways, climbing ropes and ladders, and jumping over fires. Then there are bats, rats, monsters, arrows, fireballs, and flying missiles, all of which must be avoided or destroyed. Some mazes are so tough, however, that just getting the key and bringing it to the keyhole are significant accomplishments.

Being a wizard, you can cast magic spells to help you—invisibility, teleportation, levitation, magic missiles, or any of six others. There's just one slight problem: You can't use the spells until you've picked up the key, which, as noted, is not

always a piece of cake.

When your joystick hand turns numb, go back to the main menu and choose the construction option. Building your own mazes is simplicity itself—you can make them as easy or as hard to play as you like, and you can save your best efforts on a separate disk.

Wizard fully exploits the C-64's renowned sound capabilities with a rich assortment of bells, gongs, deep organ tones, and sliding scales, each sound associated with one of the game elements (treasures, ladders, keys, etc.). Thus, you speed around the maze accompanied by a veritable symphony of your own making.

—B. H.



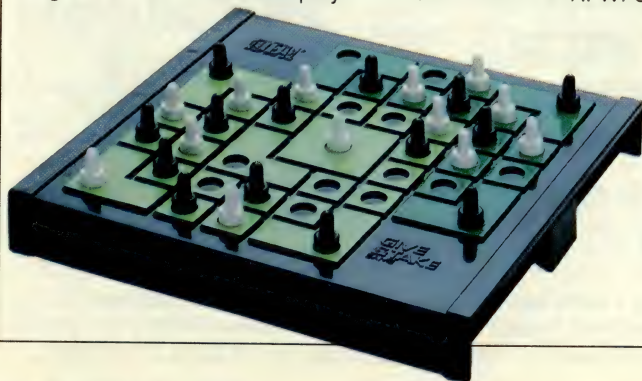
Give & Take (Ideal, around \$4)

Don't let the small box (or the small price) fool you: This is a real gem of a two-player strategy game, with a great deal of depth. The rules are simple. Each player in turn places one piece of his color on any board space that is not next to one he already occupies. When neither player has any more legal moves, the rules change. Now players must place pieces *adjacent* to one (or more) of their own pieces. Each new piece stays on the board, but the pieces next to it are removed. The player who first reduces his forces to a single piece wins.

During the placement stage, a thoughtful player may be able to force his opponent to make scattered placements that will be hard to link up later on. The removal phase is even trickier; careful timing is difficult to judge, because a seemingly good move will often open up a good counterplay for the opponent.

Give & Take has a short version in which only part of the board is used. But even the full game shouldn't take much longer than 20 minutes to play.

—R. W. S.



Venture (Avalon Hill, \$6)

This excellent card game, last published 10 years ago, has been deservedly reissued. Though two to six can play, it is one of the few really outstanding card games for two.

Two special decks are used, the "resource" deck and the "corporation" deck. Each player is dealt a hand of resource cards and gains new ones each turn. Most of these cards represent a fixed amount of money; but if a player is patient enough not to spend (play) these cards too quickly, matching sets can be collected that add considerable extra value.

Meanwhile, five cards (companies) from the corporation deck are kept face up. These companies come in six colors (representing different industries) and are marked with various combinations of the letters A through F (an abstract representation of their compatibility). Players use resource cards to buy corporations, and then may group differently colored corporations—provided they have at least one letter in common—into conglomerates. Conglomerates earn income for the players whenever a "profit" card is drawn from the resource deck, and also at the end of the game. The more companies in a conglomerate, and the more letters they all have in common, the greater the profits.

Players may also buy corporations held by opponents by playing a "proxy fight" card. Or they can spend money at any time to reorganize their growing holdings, both to create more profitable arrangements and to safeguard key companies from proxy takeovers. The goal, naturally, is to make the most money. Venture is a lively game with interesting choices at every turn. It was invented by Contributing Editor Sid Sackson, whose many other games include Acquire, Domination, and Can't Stop.

—Paddy Smith

Talisman (Games Workshop, around \$20)

A marvelous combination of old-fashioned board game and role-playing adventure, Talisman is a delight to the eye and a pleasure to play.

The board depicts three realms—an outer region of villages and woods, a middle area of warlocks and temples, and a deadly inner region, strewn with dangers that lead to the goal, the powerful Crown of Command. Each player selects one of 14 characters, such as Thief, Wizard, Troll, or Giant, each possessing a different combination of strength, craft (which covers intelligence and magic skill), gold, extra lives, and special abilities. The characters start by moving along on the outer squares, seeking a safe way to the middle region. Many spaces require players who land on them to draw adventure cards, which can produce, among other things, dangerous monsters, helpful allies, and bad weather, as well as treasure, spells, and curses. In an unusual twist, the cards can stay on the board spaces—which means that, for instance, undefeated monsters still lurk about, or lost treasures wait to be claimed.

Once in the middle area, players must either carry out a quest for the Warlock or get lucky at the Temple. Then they can attempt to cross to the inner region, where the game really gets tense. Unless a player has the right allies and a



magical weapon or two, he won't last long in the Mines, the Werewolves' Den, or—the game within a game—the Dice with Death. The first player to reach the center of the board obtains the Crown of Command. That usually spells defeat for the other players—unless they can wrest the Crown away very quickly.

Talisman is loaded with surprises that can upset anyone's carefully organized gameplan. But such shifts of fortune add to the thrill of the adventure. Playing time is from one to two hours.

—Matthew J. Costello

Strategy Books

Mancala Games by Laurence Russ (Reference Publications, 1984, 111 pages hardcover; \$14.95); **Shogi for Beginners** by John Fairbairn (Ishi Press, 1984, 166 pages softcover; available from The Shogi Association, P.O. Box 77, Bromley, Kent U.K.; \$6.75 includes surface postage)

Mancala is the generic name for a large family of ancient games played mostly in Africa and the East Indies. In scholarly fashion, **Mancala Games** catalogs and describes rules for more than 100 such games, and may be the most accurate and thorough treatment of this subject to date.

Mancala games are played with pebbles or other small objects on easily homemade boards (some are commercially available) consisting of two to four rows of holes. Players pick up the pebbles from a hole, sow (drop) one pebble into each successive cup around the board, and capture seeds by achieving certain positions, which vary widely from game to game. Strategies are still not well understood. Even this excellent book offers little guidance in this area, which players will have to explore for themselves.

Shogi for Beginners is by far the most important book ever to appear in English on the most popular strategy game in Japan. In the West, it will no doubt be the definitive introductory book on the game for decades to come.

Characterized by a "drop" rule that allows a player who captures an opposing piece to bring that piece back into play as his own, shogi is a more intricate game than its cousin, western chess. This very readable book explains and illustrates every aspect of the game, from opening patterns to endgame checkmating races, and thoroughly prepares the reader for more advanced books and articles on the game. The author is very considerate of the reader's point of view. He takes great pains to explain important Japanese terms that have no good English equivalent, and warns experienced chess players of the pitfalls of trying to apply chess knowledge to shogi. Sixteen complete professional games and 43 problems are included.

—R. W. S.

Doquin (available from Topits Mfg., Box 1593, Coos Bay, OR 97420; \$16.95 includes postage)

The idea for this three-dimensional game is so simple that the intricacy of the play comes as a real surprise. Each of two to four players has a set of 10 colored rods, and inserts a rod each turn into one of the 48 holes in any of the three top faces of the cube-shaped "board." The holes are aligned so that rods inserted from different sides can get in each other's way. The goal is to be the first player either to get five rods all the way through (that is, without being blocked by other players' rods) or to capture five opposing rods. A capture is achieved by hitting an opposing rod with the ends of at least two rods of your color; after capturing that rod, your previously blocked rods are pushed farther in, in any desired order. If these rods strike another rod, it is not captured; it must be struck by yet another rod on a later turn.

Players may opt for a series of games scored by points, which is a good way to offset the advantage of going first. For two players, we suggest that four-player rules be used, each player controlling two colors and earning the sum of the points scored by both. (Captures should still have to be made by two or more rods of identical color.)

The handsome wooden playing equipment, the simple rules, and the innovative play make Doquin an unusually enjoyable game. Playing time is around 15 minutes per game, or an hour if a standard series is played.

—R. W. S.



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CAN YOU IDENTIFY THESE MIRROR-MULTIPLIED OBJECTS?

Answer Drawer, page 60



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CONTEST RESULTS

GUMBALL

From March

Tempted by the toothsome cluster of gumballs on the March cover, and by the chance to win \$1 a word, readers sank their teeth into the Gumball Contest. We received more than 14,000 entries from wordsmiths who took up the challenge of forming as many acceptable five-letter words as possible from the letters printed on 15 gumballs of five different colors, using all five colors in every word.

With so many entries, each consisting of hundreds of words, judging was a time-consuming affair. Lists had to be counted and words checked for acceptability against the dictionary of record, *Webster's Third, Unabridged*.

Some entrants ignored the rule that each word be made from gumballs of five different colors, while others listed words clearly not allowed under the rules (capitalized or hyphenated, for example). And a few people sent computer-generated lists of more than 29,000 "words," consisting of every possible

permutation of letters that could be formed from differently colored gumballs. These entries were disqualified on the grounds that they did not follow the rules of the contest, requiring a list of acceptable words, based on the contest's acceptable words provision. Also, these entries violated the rules stipulating that an entrant's score consisted of the number of acceptable words and requiring that this total be given on the back of the entrant's envelope.

Two contestants tied for high score of 388. The winner, chosen by random draw, is David Wolfberg, of Concord, MA, who will receive the grand prize of \$1 a word—\$388. His list appears below. Having the same score, but listing the word CERID instead of RELIT, was Carolyn Cavanagh, of Fredericksburg, VA. She will receive a GAMES T-shirt, as will the other runners-up, all of whom scored 387. They are Jeffrey Miller, Brookeville, MD.; Alan Perry, Warner Robins, GA; Mary Sprengel, Tumwater, WA; and Shirley Wolf, Rockville, MD. The only additional word found by a runner-up was IRNED.

The winning entry

ACHED	CEROS	DEPOT	GNASH	LIGEN	PEONS	RELIT	SIREN	TEPAL
ACHES	CHAPS	DERAT	GODET	LIGHT	PESTO	RENAL	SITHE	TEPAS
ACRES	CHASE	DICER	GONES	LIGNE	PETAL	RESIN	SNAPE	TEPID
ADEPT	CHELA	DIENE	GORST	LINER	PETAS	RICED	SNARE	TERAS
ADRET	CHIDE	DIGHT	GOTES	LINGE	PETOS	RICES	SNEAP	THIGS
AGLET	CHIEL	DINER	GOTHS	LITER	PHATS	RINGS	SNIPE	THOLE
AGNEL	CHILE	DINGE	GRAND	LITHE	PHONS	RINSE	SNORE	THOSE
ALERT	CHIPS	DOETH	GRANS	LITRE	PHOTS	RISEN	SPACE	TIERS
ALTER	CHODE	DONEE	GRIND	LOCHE	PICED	RITES	SPANE	TIGES
ANELE	CHOPS	DOTER	GRINS	LONER	PIEND	RONDE	SPATE	TILER
ANERS	CHOSE	DRANG	GRIST	LONGE	PIENS	RONES	SPATH	TIPLE
ANGEL	CIDER	DREAN	GRITS	NAPES	PIETS	ROSET	SPEAN	TIRED
ANGLE	CIREO	DRIPT	GROTS	NARES	PILCH	ROTED	SPEAT	TIRES
APTED	CIRES	DRITE	HAETS	NEAPS	PINED	ROTES	SPICE	TOGED
ARCED	CLEAR	DRONE	HANGS	NEARS	PINES	SACRE	SPINE	TOGES
ARTEL	CODER	DRONG	HASTE	NEPID	PIRNS	SANER	SPIRT	TOPED
ASHEN	COPEO	DROPT	HATED	NERAL	PISTE	SANGH	SPIRE	TOPES
ASHET	COPES	EANED	HATES	NEROL	PITHS	SCAPE	SPORT	TORED
ASPEN	COPHS	EARNIS	HEATS	NIDGE	PLACE	SCARE	SPRAT	TORES
ASTER	COPSE	ELATE	HEIST	NIGHS	PLANE	SCARP	SPLIT	TORSE
ASTRE	CORDE	ELITE	HELOT	NOPES	PLATE	SCOPE	SPROT	TRADE
ATHEL	CORED	ENROL	HENAD	NOSER	PLEAT	SCORE	STAGE	TRAPS
ATLEE	CORES	EPICS	HINES	ONERS	PLENA	SCRAE	STAPH	TREAD
CADEE	CORPS	ERICS	HINGS	OPENS	PLEON	SCRAG	STARE	TRIED
CADGE	CORSE	ESHIN	HISTE	OPTED	PLOCE	SCRAP	STIPE	TRIES
CADRE	CRAGS	ESTOP	HONED	ORTED	PLOTE	SCRIP	STIRP	TRIGS
CAGED	CRAPS	ETHOS	HONES	PACED	POETS	SCROG	STOEP	TRIPS
CAGES	CREDO	GALET	HONGS	PACES	PONES	SEGNO	STOPE	TROGS
CAPED	CRIED	GANSH	HOSEN	PALET	PORTS	SEINE	STORE	
CAPES	CRIES	GARNS	HOTEL	PANED	POTED	SENOB	STRAP	
CAPHIS	CRIGS	GATED	ICERS	PANEL	POTES	SEPTA	STRIE	
CAPLE	CRILE	GATES	INGLE	PANES	PRATS	SERAC	STRIG	
CARED	CRIPS	GEANS	IRNES	PARTS	PRINS	SERIN	STRIP	
CARES	CRISE	GENAL	ITERS	PASTE	PROST	SERON	STROP	
CARLE	CRISP	GETAS	LACER	PATED	RACED	SERTA	TALER	
CARPS	CROES	GHAET	LAGEN	PATEL	RACES	SERTO	TAPED	
CARSE	CROPS	GHATS	LATER	PATES	RADEN	SETAE	TAPES	
CASER	DATER	GHOST	LATHE	PATHS	RAPTS	SHINE	TARED	
CEASE	DEATH	GILET	LEACH	PEANS	RATED	SHING	TARES	
CEDAR	DECAP	GIRNS	LEAPT	PEATS	RATEL	SHITE	TARPS	
CEDOR	DECOR	GIRTS	LEARN	PEINS	RATES	SHONE	TEAED	
CEDRA	DEICE	GLACE	LEGIT	PELTA	REDAN	SHOTE	TEARS	
CEDRO	DEIGN	GLEAN	LEPTA	PENAL	REINS	SIGHT	TEASE	
CEORL	DEITH	GNARL	LEPTI	PENDA	REIST	SINGE	TELAE	
CERAS	DENAR	GNARS	LEROT	PENIS	RELIC	SINGH	TELAR	

Grand Prize
An American Tourister
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PICK-'EM-POKER

Even if you've never played before, and even if your idea of a "full house" is a roomful of company, you can still get in on what may well be the largest poker game ever. The game is seven-card stud, and you're playing against all the other readers who join in. Everybody holds the cards shown above: the ace and jack of hearts, the five and eight of spades, and three face-down "hole cards."

Here's the deal: We took a standard deck of 52 playing cards and dealt out the four cards that are face up in the picture. Next, we thoroughly shuffled the 48 remaining cards and without looking at their faces, numbered them from 1 to 48. Finally, we recorded the identities of the cards and their corresponding numbers, had the record notarized, and placed it and the deck in a safe deposit box. The next move is yours.

HOW TO ENTER Pick three different numbers from 1 through 48 to determine your hole cards and to complete your hand. Write the numbers, along with your name and address, on the back of either a sealed envelope or a postcard.

**Pick three cards from
the numbered pile to
complete our hand
of seven-card stud.**

JUDGING The winning entry will be the one that, taking into account both the three hole cards and the four up-cards shown, makes the best possible five-card poker hand. Poker hands rank as follows, from highest to lowest:

- straight flush: five cards in sequence, all of the same suit

- four of a kind: four cards of the same rank
- full house: three cards of one rank, and two cards of another
- flush: five cards of the same suit
- straight: five cards in sequence
- three of a kind: three cards of the same rank
- two pair: two cards of one rank, and two cards of another
- pair: two cards of the same rank

Within each group, cards are ranked according to the rules of poker. For example, an ace-high straight beats a king-high straight, and four eights beat four fives, regardless of the identity of the fifth card in each hand. Four-card flushes and other nonstandard hands are worthless, and aces can rank either high or low for the purpose of making a straight. Ties between hands that are identical in every respect will be broken by random drawing.

—G. R.

Mail your entry to: Pick-'Em Poker, Games Magazine, 515 Madison Avenue, New York, NY 10022. Entries must be received no later than November 1, 1984.

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Edited by Stephanie Spadacinni

NUMBER PLAY

Your Number's Up

The square of the two-digit number NI is the three digit number XON. Can you find NIXON's number?

$$(NI)^2 = XON$$

—Charles G. Joyner

Answer Drawer, page 62



TRIVIA

Willy-Nilly

How many song titles can you think of that contain the name Bill, Billy, Billie, William, Willy, or Willie? We came up with a list of 10 that includes old standards, country and western, rock and roll, and even one classical work.

—Andrea Carla Michaels

Answer Drawer, page 62

LOGIC

Skating on Thin Ice

Allenson, Brown, Clarke, and Cook play in the NHL. They were born in Vermont, Colorado, British Columbia, and Austria, but not necessarily respectively. One of the men has a black eye, one has a broken nose, one has a scar across his stomach, and one has a broken hand.

1. Both men with above-the-neck injuries were born in the U.S. and have twin brothers.

2. Only one man's name begins with the same letter as his birthplace.

3. Cook does not have a broken nose.

4. Both the Austrian and the man with the scar have recently signed boxing contracts with Don King.

5. Clarke is an only child.

If Allenson has the broken hand, who is from Colorado? And what injury does the man from Vermont have?

—Dan Barlow

Answer Drawer, page 62

TEASERS

States of Mind

What do you call a native of Maine? Though the pun is tempting, he's not a "Mainiac." He'd probably call himself a "Down Easter," though officially, he's a "Mainer." Can you name the natives of these other states?

1. Alabama
2. Arkansas
3. California
4. Colorado
5. Connecticut
6. Florida
7. Illinois
8. Indiana
9. Maryland
10. Massachusetts
11. Michigan
12. New Hampshire
13. Utah
14. Vermont
15. Wyoming

—Boykin A. Glover

Answer Drawer, page 62

FOR THE RECORD

Could They Have ...?

1. Could Dante have worn spectacles while writing *The Divine Comedy*?

2. Could Davy Crockett have shaved with a safety razor?

3. Could Carl Sandburg have danced the Twist?

4. Could Babe Ruth have signed autographs with a ball-point pen?

5. Could George Frederick Handel have used a tuning fork?

6. Could Napoleon's armies have used dynamite?

7. Could Queen Victoria have ridden in an elevator?

8. Could Abe Lincoln have put up a barbed-wire fence?

—Gary Disch

Answer Drawer, page 62

WORDPLAY

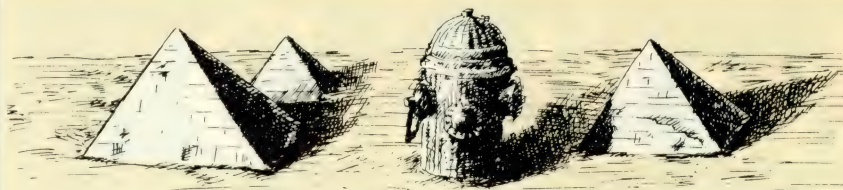
Bingo!

Five five-letter words are hidden in the grid below, reading across. To find them, select one letter at a time from each vertical column, moving from left to right. Each letter is used exactly once.

C	O	I	E	C
L	L	E	I	H
U	H	Y	O	R
T	A	U	C	N
B	N	P	S	K

—N. M. Meyer

Answer Drawer, page 62



WORDPLAY

From A to Y

Each of the words at right uses only one vowel, A, E, I, O, U, or Y. To complete each word, just add the appropriate consonants. For example, A _ _ A _ A _ A _ _ A would yield ABRACADABRA, and _ I _ I _ I would be BIKINI.

1. _ A _ _ A _ _ A
2. _ E _ _ E _ _ E _
3. I _ _ _ I _ _ I _
4. _ O _ _ O _ _ O
5. _ U _ _ U _ _ U
6. _ _ _ _ Y

—Len Elliott

Answer Drawer, page 62

TRIVIA

Alphabet Tube

How well do you know your television? If it's more like a member of the family than a piece of furniture, then you should do very well on this quiz, which is designed to test your knowledge of TV from its early days to the present.

The letter preceding each clue is the first letter of the name of the show in question (discounting "The"). For example, the answer to Clue A is *American Bandstand*.

- A. The dancers change, but the host remains the same.
- B. Cesar Romero, Frank Gorshin, and Eartha Kitt played villains.
- C. Jill Munroe, Sabrina Duncan, and Kelly Garrett.
- D. The Alan Brady Show.
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- F. Roaring Chicken was an occasional visitor to the fort.
- G. CONTROL vs. KAOS.
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- J. The Bunkers' neighbors move to Manhattan.
- K. Kwai Chang Cain came to the U.S. after killing a man in China.
- L. The theme song was Rossini's "William Tell Overture."
- M. Marilyn was the only normal-looking one in the family.
- N. If this show had run 300,000 years, we could have seen all 8 million stories.
- O. Murray, Speed, and Vinnie played poker at their apartment.
- P. Sit-com based on the Goldie Hawn movie.
- Q. The "panel of experts" were 6 to 16 years old.
- R. The Jordache saga.
- S. Lamb Chop, Hush Puppy, and Charley Horse.
- T. He served as a medic in Korea.
- U. Wally Cox was the voice of this cartoon superhero.
- V. "Bernie Schwartz" played Bernie Roth, a casino owner.
- W. ABC got this, its first major hit series, by helping to finance an amusement park in Anaheim.
- X. 1950s musical show featuring a bandleader and his chihuahua.
- Y. Mel Brooks, Neil Simon, and Woody Allen all wrote for it.
- Z. PBS show hosted by seven children.

—Doug Putnam

Answer Drawer, page 62

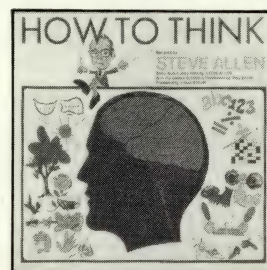
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THE GALLERY

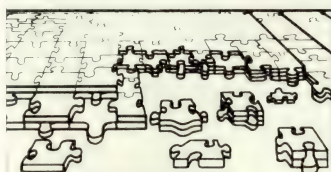
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Chicago, IL
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- 1) What British heavy metal group had the hit "Rock of Ages"? ('83)
- 2) Who sang "Owner of a Lonely Heart" in 1983?
(see answers below)



The Music Trivia Game

for 2 or more players

If you love music, you'll love answering music questions on your favorite artists and hits, while moving around the tracks of this unique gold record playing board and assembling your own rock band. Over 2500 stumpers, both nostalgic and new, from 1955 to 1984 - all in a 172 page spiral bound booklet. A true party game and perfect gift for any record or video fan!

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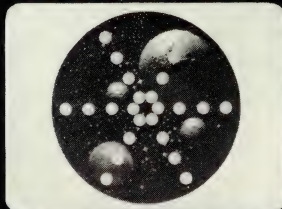
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(Mass. res. add 5% sales tax)

Send check or money order to:
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P.O. Box L-328
New Bedford, MA 02745

Answers: 1) Def Leppard 2) Yes

COSMOS



COSMOS, the 21st century game of skill and foresight, is a strategy board game for two players. Players try to form one of the geometrical configurations. Objective is to block your opponent and compete for the configuration. More than fun, it's a two dimensional challenge for children eight years to adult. Send name and address with \$3.25 to: **COSMOS GAMES** • 244 14th Street • Brooklyn, New York 11215 (add \$1.70 for postage and handling). Allow 4 to 6 weeks for delivery. Dealer inquiries invited.

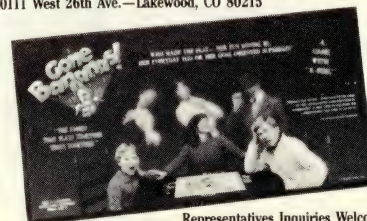
A Game to Challenge your Id, Ego, and Superego.



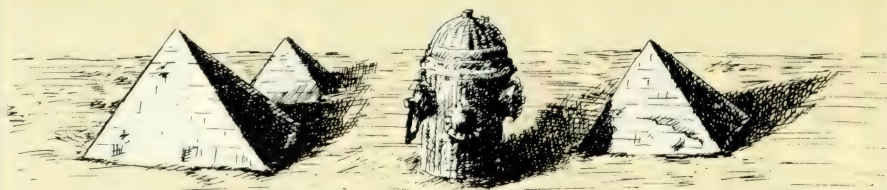
Every Game of "Gone Bananas," like life itself, is a learning experience. It was inspired by turn-of-the-century psychoanalyst Dr. Sigmund Freud, who theorized that our minds have three distinct parts which govern our personalities. In "Gone Bananas" your Id, Ego and Superego come together on a game board that confronts you with real life situations. You will take risks and develop strategies—but can you cope? Never plays the same way twice!

For 2 to 4 Players, Adults and Children from Age 9.
Price 13.00 Postage & Handling 3.00

H. John Lyke, Ph.D., Paramount Professional Bldg.
10111 West 26th Ave.—Lakewood, CO 80215



Representatives Inquiries Welcome



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3. I _ _ _ I _ I _
4. _ O _ _ O _ O
5. _ U U _ U U
6. _ _ _ Y —Len

Answer Drawer, p. 62

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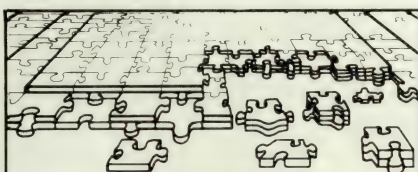
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opponent's
maze.



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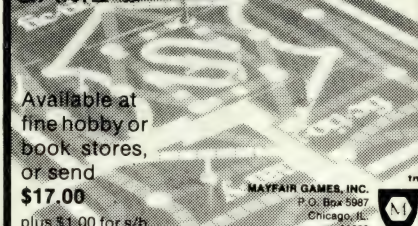
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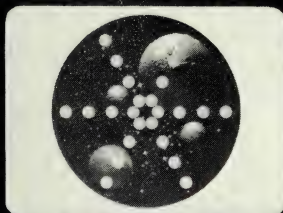
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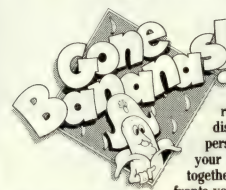
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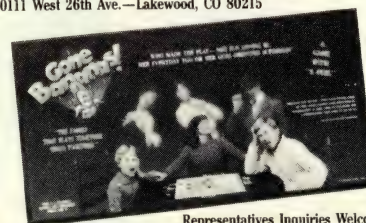
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ANSWER DRAWER

8 In Hot Pursuit

1. Maine
2. An ear of corn
3. Rin Tin Tin
4. Ronald Reagan
5. The brassiere
6. Trivial Pursuit says Freddie the Freeloader, but the correct answer is Clem Kadiddlehopper.
7. Three
8. The sneeze
- 9.-10. Miss Healy's father says the Alamo and the Big Apple, respectively.

29 Siamese Twins

C	A	S	T	O	R	A	B	A	T	E	S
A	S	T	U	T	E	R	E	S	O	R	T
S	H	I	F	T	Y	R	E	T	I	N	A
B	A	R	T	O	K	S	P	O	L	E	R
A	M	I	S	J	A	W	R	E	S	T	
H	E	N	S	A	T	I	R	I	S	T	S
			S	A	V	A	N	N	A		
T	R	A	P	P	I	N	G	S	P	O	W
H	E	R	O	K	I	D	W	I	R	E	
E	B	E	R	T	C	I	T	I	Z	E	N
T	A	T	T	O	N	O	Z	Z	L	E	
A	T	H	E	N	A	G	R	E	A	S	E
S	E	E	D	E	R	S	E	N	S	E	D

P	O	L	L	U	X	A	R	A	M	I	S
A	P	I	A	R	Y	R	E	C	A	N	T
R	E	N	T	A	L	F	A	C	I	L	E
A	N	G	E	L	O	F	M	O	T	O	R
D	E	E	R	P	E	P	S	A	V	E	
E	R	R	C	H	A	R	I	T	I	E	S
			R	O	O	T	E	R	S		
M	I	X	E	D	N	U	T	S	P	A	T
A	C	R	E	E	R	E	L	U	T	E	
D	E	A	L	T	E	N	V	E	L	O	P
R	A	T	I	O	S	D	I	V	I	N	E
A	G	E	N	T	S	E	V	I	N	C	E
S	E	D	G	E	S	R	A	N	G	E	S

40 Skeleton Keys

1. Anteater
2. Hippopotamus
3. Lion
4. Elephant
5. Giraffe
6. Frog
(count toad as correct)
7. Crocodile
(count alligator as correct)
8. Ape
9. Walrus
10. Kangaroo
11. Bat
12. Penguin
13. Reindeer (or deer)
14. Camel

27 What's the Point?

P	A	N	S	A	F	A	R	B	E	T			
E	P	O	C	H	N	O	R	A	P	O	L	O	
T	E	R	R	E	N	O	R	T	H	E	A	S	T
S	T	E	E	R	E	D	T	I	G	R	I	S	
H	A	D	E	S	P	A	R	A	D	E			
B	O	W	M	E	N	N	I	N	E	S			
A	X	E	D	E	V	O	N	D	U	S	T	S	
B	E	S	T	W	A	S	T	E	S	O	A	K	
E	N	T	E	R	L	E	A	D	S	U	P	I	
			R	E	B	U	S	S	E	S	T	E	T
A	D	M	I	R	E	B	E	R	T	H			
A	F	R	I	C	A	R	E	L	A	I	E	D	
S	O	U	T	H	W	E	S	T	P	L	A	I	T
H	O	N	E	L	A	V	A	H	U	S	K	S	
E	L	K	S	U	P	S	S	T	E	P			

34 Cryptic Warm-Up Puzzle

ACROSS

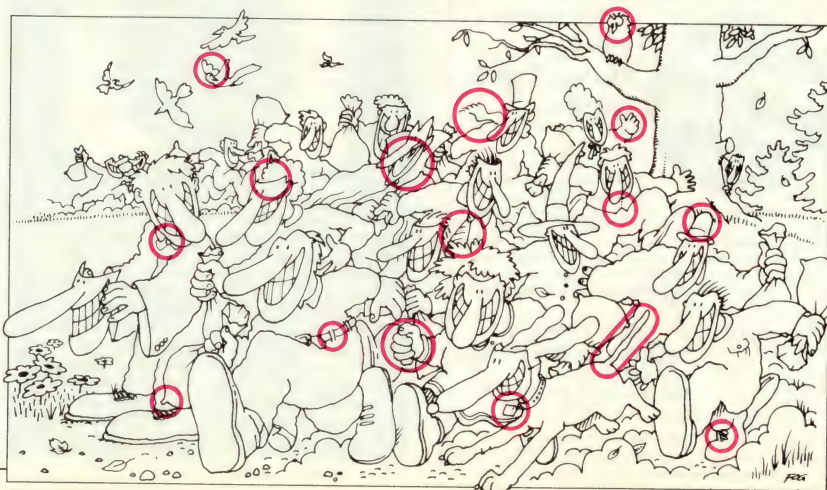
1. ROAM. The answer ROAM (defined as "travel") sounds the same as ROME ("Italy's capital"). The word "reportedly" signals the homophone.
5. CRIMSON. If the word CON ("prisoner") contains (or "keeps") the word RIMS ("lips"), the result is CRIMSON ("red").
6. STAMINA. The answer STAMINA ("endurance") is literally found in the letters of "firST A MINaret."
7. OGRE. The word OGRE ("monster") is ERGO ("therefore") backward. The word "returned" signals the reversal.

DOWN

1. RECESS. The word RECESS in two different senses means "break from schoolwork" and "depression."
2. ANIMAL. The answer ANIMAL ("beast") is an anagram of MANILA. The words "going wild" suggest the rearrangement of letters.
3. ASKING. The word ASKING ("begging") is BASKING ("sunbathing") without its first letter (or "topless").
4. INNATE. The answer INNATE ("native") is a combination of INN ("tavern") plus ATE ("had a meal").

26 Trick of Treat

The differences are circled in red:



2 Your Move

Easy as ABC?

For part one, a seven-word list might be: ab-sconded, fighting, jackal, monopoly, queerest, purview, oxygenize.

For part two, a possible list is: lab, code, fig, hijack, limn, opaquer, stud, vim, waxy, zip.

An Odd Puzzle

The average of the first n odd numbers is always n , the number of odd numbers. The answer is 1,000,000.

Ambiguous Dates

The answer is 132. There are 12 months, with 11 "ambiguous" dates in each (not counting 1/1, 2/2, 3/3, etc. which cannot be considered ambiguous).

What's the Good Word?

1. Kine, a plural of cow
2. Alfalfa

What a Racket

There is only one basic solution, though the order of individual sets and rounds may vary.

Round 1

A	B	C	D
1	2	3	4

Round 2

C	D	A	B
2	1	4	3

Round 3

B	A	D	C
4	3	2	1

Round 4

D	C	B	A
3	4	1	2

CAMEL FILTERS

It's a whole new world.

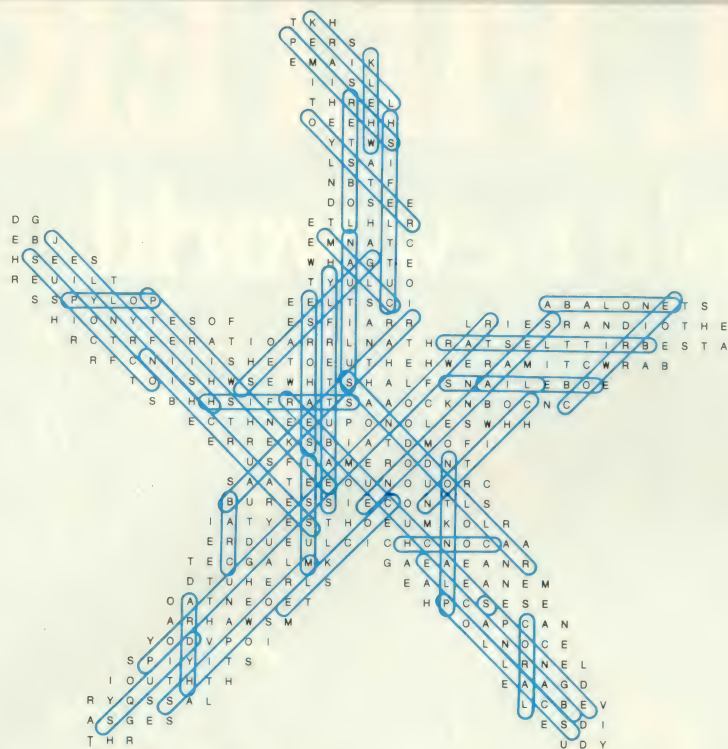
16 mg. "tar", 1.2 mg. nicotine av. per cigarette by FTC method.

Warning: The Surgeon General Has Determined
That Cigarette Smoking Is Dangerous to Your Health.

Today's
Camel Filters,
surprisingly smooth.



28 Sea Hunt



45 Good Grief!

Cartoon Man, and surroundings:

Andy Capp's cap
Li'l Abner's hair
Mike Doonesbury's eyes
Dick Tracy's nose
Henry's chin
Charlie Brown's shirt
Popeye's arms
B. C.'s loincloth and legs
Hagar the Horrible's feet
Pogo's boat
Ignatz's brick (from *Krazy Kat*)
The Little King's hat and Snuffy Smith's hat (both in the boat)

Cartoon Woman, and surroundings:

Broom-Hilda's hat
Nancy's hair
Little Orphan Annie's eyes
Blondie's face and hair curls
Daisy Mae's upper body
Dagwood's sandwich
Lucy's baseball glove
Olive Oyl's skirt and feet
Wizard of Id's speech balloon ("The King is a Fink!")

Cartoon animal on left:

Shmoo's head (from *Li'l Abner*)
Donald Duck's feet
Fred Bassett's body
Daisy's tail (from *Blondie*)
Sarge's cap (*Beetle Bailey*) and Sluggo's hat (both on the ground)

Cartoon Animal on right:

Sandy's speech balloon ("Arf!" from *Little Orphan Annie*)
Felix the Cat's ears
Garfield's eyes
Ruff's mouth and scruffy beard (from *Dennis the Menace*)
Mickey Mouse's pants
Linus's blanket
Snoopy's feet and tail
B. C.'s rock (advertising "Worms")

Background:

Alley Oop's dinosaur

Fake Ad

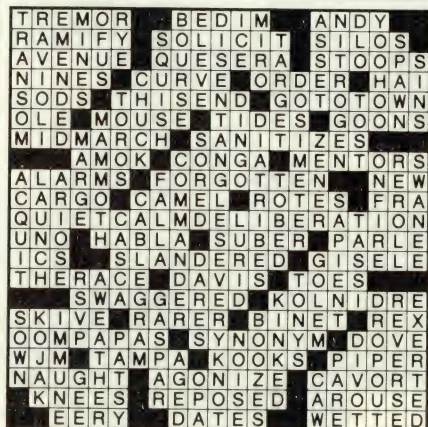
The Fake Advertisement announced in the Table of Contents was for the Red Card, and appeared on page 54. Photograph by Stan Fellerman.

51 Eyeball Benders

1. Screws
2. Telephone button
3. Toothbrush
4. Package of needles
5. Apple core
6. Whisk broom
7. Comb
8. Fork
9. Matchbook

To achieve the kaleidoscopic effect, each object was photographed through a special mirrored lens built by kaleidoscope maker Cary "Peach" Reynolds. His kaleidoscope company, Kaleidovisions, is located at 509 Hearn, Austin, TX 78703.

31 Easy Does It



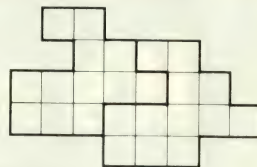
32 French Sticklers

1. Boxed In

The figure contains 9 squares (4 small, 4 medium, 1 large) and 10 rectangles (7 of one piece, 3 of two pieces).

2. Look-Alikes

The figure should be cut as shown:



3. A Three-Sum

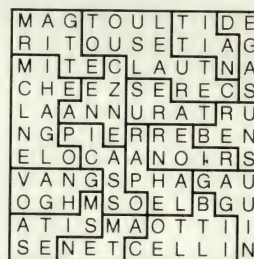
$$\begin{array}{r} 9999 \\ 1111 \\ + 8888 \\ \hline 19998 \end{array}$$

4. Family Relations

Hamilton's sister is Sue. Each pair of names contains all five vowels.

5. Artists' Frames

The square should be divided as shown:



6. A Matter of Time

The hands are at right angles 44 times in 24 hours.

7. Changing Places

The word "germane" belongs to the same logical family. Each word can become the name of a country by changing one letter—Iran, France, Spain, Chile, Cuba, Peru, and Germany.

8. Close Call!

The map may be closed in 40 ways—12 ways of folding the two vertical folds first and then the horizontal, 12 ways of folding the horizontal fold first and then the two verticals, and 16 ways of folding one vertical, one horizontal, and one vertical.

CREDITS: Puzzles #1, #2, and #8—100 *Jeux Pour Insomniaques*; #3 and #6—100 *Jeux Numériques*; #4 and #7—100 *Jeux Logiques*; #5—adapted from 100 *Jeux et Casse-Tête*. Copyright © 1973, 1978 Librairie Générale Française. Reprinted with permission.

27 Scare Tactics

- | | |
|--------------|----------------|
| 1. Boomerang | 8. Peek-a-boo |
| 2. Bamboo | 9. Bootblack |
| 3. Bootleg | 10. Tollbooth |
| 4. Booster | 11. Booby-trap |
| 5. Baboon | 12. Taboo |
| 6. Boondocks | 13. Boondoggle |
| 7. Bamboozle | 14. Booboo |

18 The Big Chill-Out

Nick, who wore the tongue T-shirt, grew corn and owned the wheelbarrow.

Michael, in the peace symbol T-shirt, grew tomatoes and owned the watering can.

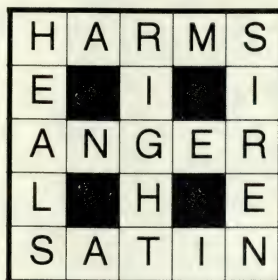
Meg, in the yin-yang shirt, grew watermelons and owned the spade.

Harold, in the clenched fist T-shirt, grew eggplants and owned the rake.

Sarah, in the Mao shirt, grew broccoli and owned the hoe.

37 Crosstied

The answers to the clues:
ACROSS: 1. Marsh 4. Range 5. Stain
DOWN: 1. Leash 2. Girth 3. Rinse



25 Square Routes Word List

- | | |
|---------------|--------------|
| 1. Finger | 14. Gear |
| 2. Turtle | 15. Nerve |
| 3. Garden | 16. Tonic |
| 4. Rattle | 17. Arm |
| 5. Dial | 18. High |
| 6. End | 19. Fountain |
| 7. Cabin | 20. Leaf |
| 8. Eagle | 21. Shoulder |
| 9. Train | 22. Sleep |
| 10. Note | 23. Plate |
| 11. Hen | 24. Fire |
| 12. Lightning | 25. Pigeon |
| 13. Level | 26. Brain |

37 Cut-Ups

- | | |
|-----------------|------------------|
| 1. Woody Allen | 7. Bing Crosby |
| 2. Lily Tomlin | 8. Paul Revere |
| 3. Arthur Ashe | 9. Ralph Nader |
| 4. Eric the Red | 10. Bette Davis |
| 5. Lee Trevino | 11. Cheryl Ladd |
| 6. George Bush | 12. Hugh O'Brian |

34 Cryptic Crossword

ACROSS

- 1 Bartender (art + bender)
- 6 Put on (up + ton)
- 9 Livable (liable + V)
- 10 Go-carts (to crags)
- 11 Alley (a + yell)
- 12 Statutory (story + a + Tut)
- 13 Eyed (I'd)
- 14 Altogether (Al + to + get + her)
- 19 Researched (read *Cheers*)
- 20 Harp (sharp - s)
- 22 Carrotop (carp + rot + to)
- 25 Padre (drape)
- 26 Gestapo (postage)
- 27 Protege (peer got)
- 28 Rhyme (rime)
- 29 Surprised (pursers I'd)

DOWN

- 1 Balladeer (ball + deer + a)
- 2 Revolvers (lover + verse - e)
- 3 Embryo (bore my)
- 4 Duels (led us)
- 5 Rigmarole (a girl more)
- 6 Pictures (piecrust)
- 7 Torso (docTOR'S Office)
- 8 Nasty (an + sty)
- 15 Locations (lions + taco)
- 16 Headdress (he + address)
- 17 Reprehend (red + her pen)
- 18 Sabotage (sage + boat)
- 21 Uproar (UAR + pro)
- 22 Cigar (PucCI GARment)
- 23 Raspy (r + a + spy)
- 24 Paper (per + A + P)

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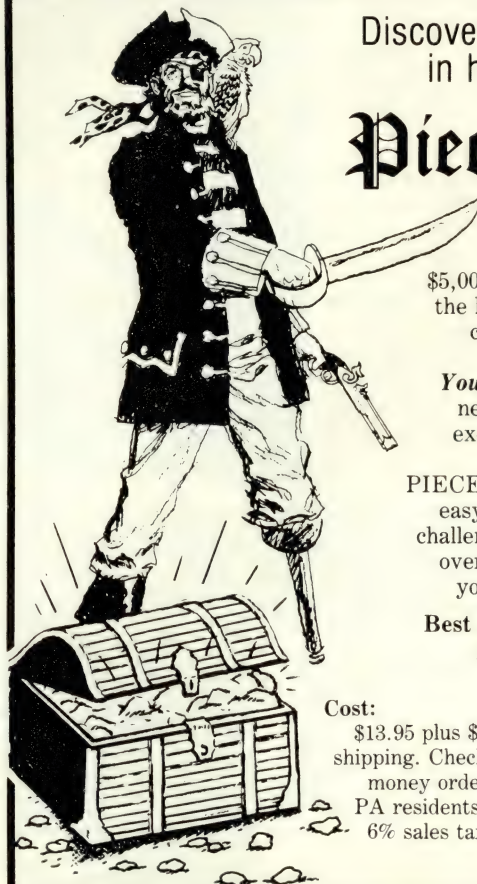
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10 On Broadway

	WED.	THURS.	FRI.	SAT. MATINEE	SAT. NIGHT
<i>Kumquats & Kulaks</i> (Sarcophagus Theater)	Glenda Chuck	Joan Ernie	Inez Albert	Florence Barney	Helen Danny
<i>The Loquacious Labradorian</i> (Thumbscrew Theater)	Florence Danny	Helen Chuck	Glenda Ernie	Joan Albert	Inez Barney
<i>The Masticating Mahatma</i> (Reptilian Theater)	Helen Albert	Glenda Barney	Joan Danny	Inez Chuck	Florence Ernie
<i>The Narcoleptic Nonconformist</i> (Purgatory Theater)	Joan Barney	Inez Danny	Florence Chuck	Helen Ernie	Glenda Albert
<i>The Omnipotent Ottoman</i> (Quagmire Theater)	Inez Ernie	Florence Albert	Helen Barney	Glenda Danny	Joan Chuck

For a detailed solution to "On Broadway," please mail a stamped (37 cents postage), self-addressed, business-size envelope to On Broadway, GAMES Magazine, 515 Madison Ave., New York, NY 10022.

39 A Night at the Movies



35 Analograms

- WRIST is to HAND
- SCHOOL is to FISH
- BANK is to RIVER
- POTTER is to CLAY
- CHEESE is to MOUSETRAP
- BATON is to CONDUCTOR
- BEAR is to BORE
- SNOW is to TELEVISION
- BAT is to DIAMOND
- BAY is to WOLF
- AIRPLANE is to HANGAR
- POCKET is to POOL
- GENERAL is to ENLARGE (anagrams)
- DUCK is to BILL
- RUN is to STOCKING
- DROP is to RAIN
- TEA is to YOU (homophones of successive letters of the alphabet)
- SCYTHE is to WEEDS
- WRECK is to X-RAY (Pig Latin)
- PILLBOX is to CALLBOX (same letter endings)

46 Son of Toddler

Half and Half

She baked another pie and ate half of it.

Home Again

I drove the car into the middle of the street, activated the remote garage door opener, and waited for the proper garage door to open in welcome.

Out to Lunch

Every night I put my car keys in the refrigerator, right on top of my sandwich.

Dial H-E-L-P

I picked up one phone and dialed the number of the other one. When someone ran out of the back room to answer the phone, I waved to him and said into the receiver, "I need some help!"

Up the Olympics

"We practiced and counted together," relates team captain Frank Masley, "and then all jumped up at the same time. That unweighed the elevator enough to move it up another floor."

Santa's Little Helper

The mason had installed a sheet of window glass horizontally halfway up the chimney. To "fix" it, he carried a brick to the roof and dropped it down through the glass.

Stop, Thief

Mike jumped out of his car and yelled, "Don't steal my snake, you'll kill her!" Whereupon the thief immediately dropped the bag and kept running.

Wordfinder

The students pooled their money and paid for a classified ad in the paper, listing all 15 words. When the ad was published, the teacher was forced to admit she'd been outsmarted, and gave the kids their A's.

WILD CARD ANSWERS

Your Number's Up

NIXON = 19361.

Skating on Thin Ice

Brown is from Colorado. Cook, the Vermont man, has the black eye.

States of Mind

According to the U.S. Government Printing Office *Style Manual*, native adjectives are as follows (alternates are in parentheses):

- Alabamian (Alabaman)
- Arkansan (Arkansian)
- Californian
- Coloradan (Coloradoan)
- Connecticuter
- Floridian (Floridan)
- Illinoisian (Illinoisian, Illinoian)
- Indianian (Indianan)
- Marylander
- Massachusettsan
- Michigantite (Michigander, Michigian)
- New Hampshireite (New Hampshireman)
- Utahan (Utahn)
- Vermontner
- Wyomingite

Could They Have ... ?

- Yes. Although probably a Chinese invention, Alessandro de Spina of Florence (Dante's home town) is generally credited with the invention of "seeing discs" in Europe (c. 1286). *The Divine Comedy* was completed c. 1321.
- No. The safety razor was invented 67 years after Crockett's death at the Alamo.
- Yes. *The Twist* appeared in 1961. Sandburg died in 1967.
- Yes. Although he had retired from baseball three years prior to the ball-point's invention (1938), Ruth lived until 1948.
- Yes. It was invented by one of Handel's orchestra's trumpeters in 1711.
- No. Dynamite was invented by Alfred Nobel (founder of the Nobel Prize) in 1867.
- Yes. The first passenger elevator was installed in a New York City hotel in 1859—more than four decades before the end of Victoria's reign.
- No. Barbed wire was patented in 1874.

Willy-Nilly

- "Billie Jean" (as performed by Michael Jackson)
 "Billy, Don't Be a Hero" (Bo Donaldson and the Heywoods)
 "Ode to Billie Joe" (Bobbie Gentry)
 "Little Willy" (The Sweet)
 "Where Have You Been, Billy-Boy, Billy-Boy?" (old standard)
 "Which Way You Goin', Billy?" (The Poppy Family)
 "The William Tell Overture"
 "Bill Bailey, Won't You Please Come Home?"
 "Bill" (from *Showboat*, Jerome Kern and P.G. Wodehouse)
 "My Girl Bill" (Jim Stafford)

Bingo!

- Check Topic
 Blush Layer
 Union

From A to Y

- bandanna
- beekeeper
- implicit
- rococo
- muumuu
- spry

Alphabet Tube

- B. *Batman*
 C. *Charlie's Angels*
 D. *The Dick Van Dyke Show*
 E. *The Ed Sullivan Show*
 F. *F Troop*
 G. *Get Smart*
 H. *Have Gun, Will Travel*
 I. *I Dream of Jeannie*
 J. *The Jeffersons*
 K. *Kung Fu*
 L. *The Lone Ranger*
 M. *The Munsters*
 N. *Naked City*
 O. *The Odd Couple*
 P. *Private Benjamin*
 Q. *Quiz Kids*
 R. *Rich Man, Poor Man*
 S. *The Shari Lewis Show*
 T. *Trapper John, M.D.*
 U. *Underdog*
 V. *Vega\$*
 W. *Walt Disney*
 X. *The Xavier Cugat Show*
 Y. *Your Show of Shows*
 Z. *Zoom*

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Vol. 71, No. 41

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It's very early one foggy London morning. The phone rings in Scotland Yard's detective squad room. You answer it, and the maniacal voice of "Mr. X" challenges you and your colleagues to capture him. As you slam down the receiver, you know it will be a daring, brain-twisting challenge — what with "Mr. X" moving about secretly, surfacing only once every 5 moves — but one that only you and Scotland Yard can handle.

(In another part of the city, "Mr. X" plots his course, sprinkling it with risk-taking moves to taunt the detectives. But beware! He could slip away in an instant if The Yard gets lucky and starts to close in.)

Quickly you assemble the 2 to 6 players around the large 19½" by 26" full-color board map of London. You make sure each has enough transportation tickets (125 in all) to travel the streets and subways. The detectives and the dastardly "Mr. X" draw their starting points from the 18 start cards. "Mr. X" carries along his log book for you to keep him "honest".

You light your pipe. You remember that, just as in real life, no matter which side you choose, you'll need all your powers of logic, careful observation, and a bit o' luck to make out. You think to yourself, "he could be in any of 200 places on the map, from Madame Tussaud's to Westminster Abbey, the Marble Arch to The Tower. But we'll get 'im."

To get "Scotland Yard" for yourself, mail the coupon today. This beautifully designed and ingenious game — virtually impossible to obtain in this country — is being specially imported for Games Mail Order. Playing time is approximately one hour. We think you'll love it!

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22 Flip, the Psychic Robot

Every time we play-tested this game, Flip won, hands down. The reason? Human psychology.

The game is designed to counter the way people make choices when trying to beat a machine. Research has shown that most people in such a situation fall into a predictable psychological pattern; the game uses this pattern in designing the robot's responses (whether he'll obey or disobey) in a way that works to Flip's advantage. In effect, Flip is psyching out humans trying to psych out Flip.

The game is based on actual experiments in artificial intelligence. In 1969, Soviet researchers programmed a computer to play a game equivalent to this coin-matching test and found that nearly three-quarters of the 61 humans they tested lost. If a human player did not try to psych out the robot but simply chose Flip's responses at random, he or she would have a 50-50 chance of winning.

20 Photo Finish

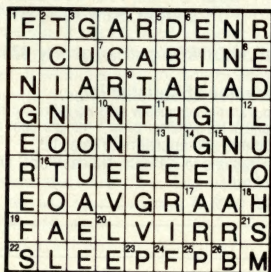
The pictures suggest the letters of the alphabet, as listed below; the letter A, shown below, completes the set.

- | | | | | |
|------|-------|-------|-------|-------|
| 1. V | 6. Q | 11. O | 16. B | 21. R |
| 2. J | 7. Z | 12. I | 17. C | 22. G |
| 3. P | 8. D | 13. K | 18. F | 23. S |
| 4. Y | 9. H | 14. W | 19. U | 24. M |
| 5. T | 10. N | 15. X | 20. E | 25. L |

This puzzle was adapted from *Arlene Alda's ABC Book and Poster* (Celestial Arts, Berkeley, CA); © 1981 by Arlene Alda. Besides being a successful photographer, Ms. Alda is the wife of the actor Alan Alda.



25 Square Routes



Candidate Cover

The composite candidate has Geraldine Ferraro's hair, Walter Mondale's eyes, George Bush's nose, and Ronald Reagan's mouth, chin, and neck.

30 Dszquphsbnt!

1. CRYPTOON. "I won't fall for that 'sweet, innocent grandma' bit again, Mrs. Baker. You knew you were speeding."
2. STRONG-WILLED. I never resist temptation, because I have found that things that are bad for me do not tempt me.—G. B. Shaw.
3. SNAP AND CRACKLE. At six in the morning, I'd rather have a breakfast food that will lie down in the bowl and shut up.
4. GOOD BREEDING. In various pet shows, prize-winning manx, dachshund, and borzoi might be termed reigning cats and dogs.
5. DAFFY-NITION. Nostrum: Quack cure or medicine of dubious value—or kind of music made by stringless guitar.
6. CUT AND DRIED. Beef jerky along with sourdough bread kept hungry prospectors alive during frigid Klondike winters.
7. STICKY SITUATION. Cylindrical barrel cactus puts out heavy curved spines, used as fishhooks by desert dwellers.

36 Double Cross

- A. MATHEWSON
- B. ALIGHT
- C. CLOTHESHORSE
- D. FEEBLE
- E. APOTHECARY
- F. RUBBISH
- G. LOFT
- H. AFTERWORD
- I. NORTHER
- J. EVEN-STEVEN
- K. MUSHROOM
- L. ASTONISHING
- M. NEREID
- N. AMBIGUITY
- O. NEEDLE
- P. DISHWASHER
- Q. TRIFLE
- R. HELLION
- S. ELIDED
- T. MOORE
- U. YEARNED
- V. TREND
- W. HALF TWIST

(George Bernard) Shaw . . . refused to believe that there were hundreds of millions of cells in every drop of blood. This was, he said, no more credible than "the yarn that the sun was ninety-eight million miles from the earth."—(Gwyn) Macfarlane, (*Alexander Fleming: The Man and the Myth*)

42 No Place Like Rome

1. London, Ohio
2. Moscow, Idaho
3. Athens, Alabama
4. Belfast, Maine
5. Lisbon, North Dakota
6. Madrid, Iowa
7. Paris, Texas
8. Alexandria, Louisiana
9. Antwerp, New York
10. Aberdeen, Maryland
11. Vienna, West Virginia
12. Melbourne, Florida
13. Belgrade, Montana
14. Glasgow, Kentucky

This puzzle was based on an idea by Cheryl Solimini.

EUREKA

Eureka is dedicated to those venturesome spirits who, never settling for a ready answer, have fought their way to a better, more elegant, or more complete solution than one previously given in the Answer Drawer.

★ **Personal Bests** (August, page 16). Jim Thorpe, the decathlon and pentathlon champion of the 1912 Games, was our answer to the question "Who played the title role in a film about his own life?" in this Olympic trivia quiz. William Cole, of Annapolis, MD, and Tim Hurley, of Ann Arbor, MI, were the first to remind us of "The Greatest" alternate solution—Cassius Clay, a.k.a. Muhammad Ali, boxing's light heavyweight Olympic champ of 1960. Ali starred in *The Greatest*, a film based on his autobiography of the same name.

★ **Calculus** (July, page 38). Quite a few readers bettered our score of 497 in this word game, in which the number of points scored was increased by the use of repeated letters in answer words. Blaine and Sandra Gibson, of Yakima, WA, picked up 516 points by substituting ELLIPTIC for PARALLEL, TRILLIUM for BLUEBELL, and MILLIEME for SHILLING from our list in the Answer Drawer. With a completely original list that answered all 10 categories correctly, Ken Giesbers, of Seattle, WA, beat our score by one point, with the following words: FINDING, INDIANS, INFINITE, ZINNIA, PFENNIG, NINETEEN, DINING, HEINLEIN, INDIANA, and DIVINITY.

★ **Triplets** (Your Move, June, page 2). How many combinations of three alphabetically consecutive letters can be found in English words, this puzzle asked. The Answer Drawer listed nine; Amy E. Buzen, of Hartford, CT, was the first to make it 10 with the series ABC, which is found in ABCOULOMB.

★ **Forth and Back** (Your Move, June, page 2). In this word game, the six-letter word STRAPS was broken into 12 smaller words of three letters or more, reading both forward and backward, yielding 1 point for each letter of each word (total: 53). Kyle Corbin, of Raleigh, NC, bettered our score by 8 points with the word SLEEPS, yielding SLEEK, SLEE, LEEKS, LEEK, and LEE reading forward (27); SKEELS, SKEEL, SKEE, KEELS, KEEL, EEL, EELS, and ELS reading backward (34)—all words to be found in *Webster's Third*.

★ **Preposition Proposition** (Your Move, June, page 2). Flying in the face of grammar, this game challenged readers to end a sentence with as many prepositions as possible. The longest one we received that made some sort of sense was from Irene Webster, of Mt. Morris, IL. Her sentence read: "What did you turn your socks from inside in to inside out instead of from outside out to inside in for?" That's 14 prepositions, counting "instead of" as only one. The sentence we liked the best, although it had only six prepositions, came from Claudia C. Doughty, of Baton Rouge, LA: "Whose life is the book that tells which reef they pulled the ship the captain went down with out from under about?"

COMING DISTRACTIONS

November

The Games 100 Just in time for the holidays, our annual selection of 100 games, hand-picked and played by the editors. And if you think it's better to receive than to give, enter the Games 100 contest for a chance to win them all.

Plus A Hex Sign puzzle from the Pennsylvania Dutch, Logic, Beguilers, Trivia, Eyeball Benders, Pencil Puzzles, Wild Cards, and a few surprises.

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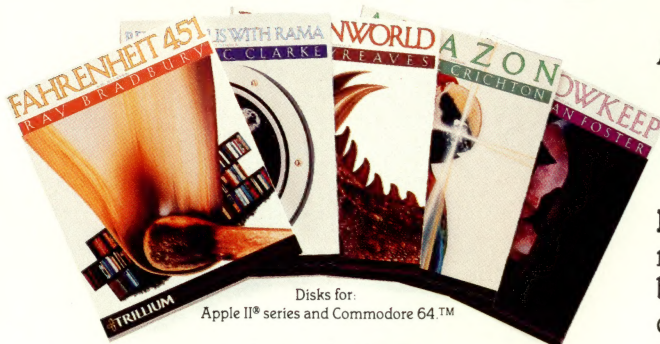
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